

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091222\
 Data File : VY010448.D
 Acq On : 12 Sep 2022 18:24
 Operator : KP/MD
 Sample : N3980-03 4.0PPB
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL-SOIL-03-QT3-2022

Quant Time: Sep 13 05:27:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 13 05:24:24 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 09/13/2022
 Supervised By :Mahesh Dadoda 09/13/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.783	168	189200	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	315100	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	281552	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	139705	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	121975	64.010	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 128.020%			
35) Dibromofluoromethane	7.709	113	113095	50.537	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.080%			
50) Toluene-d8	10.172	98	415997	57.357	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 114.720%			
62) 4-Bromofluorobenzene	12.477	95	145869	43.828	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 87.660%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	7576	5.226	ug/l	97
3) Chloromethane	2.107	50	11900	5.598	ug/l	96
4) Vinyl Chloride	2.235	62	13098	4.995	ug/l	95
5) Bromomethane	2.637	94	9038	4.919	ug/l	94
6) Chloroethane	2.777	64	8999	5.130	ug/l	98
7) Trichlorofluoromethane	3.113	101	16112	4.850	ug/l	100
8) Diethyl Ether	3.515	74	5568	5.175	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.881	101	9539	4.905	ug/l	91
10) Methyl Iodide	4.076	142	8943	3.716	ug/l	91
11) Tert butyl alcohol	4.948	59	7797m	30.293	ug/l	
12) 1,1-Dichloroethene	3.857	96	8547	4.684	ug/l	90
13) Acrolein	3.722	56	4140	22.773	ug/l	97
14) Allyl chloride	4.460	41	13855	5.273	ug/l	95
15) Acrylonitrile	5.149	53	14027	26.933	ug/l	97
16) Acetone	3.942	43	14059	32.149	ug/l	97
17) Carbon Disulfide	4.174	76	23037	4.669	ug/l	96
18) Methyl Acetate	4.472	43	9677	7.193	ug/l #	89
19) Methyl tert-butyl Ether	5.204	73	24994	4.960	ug/l	93
20) Methylene Chloride	4.698	84	35618	13.346	ug/l #	82
21) trans-1,2-Dichloroethene	5.204	96	9916	4.786	ug/l	83
22) Diisopropyl ether	6.106	45	29637	5.053	ug/l #	93
23) Vinyl Acetate	6.051	43	81187	22.585	ug/l #	94
24) 1,1-Dichloroethane	6.002	63	18360	5.170	ug/l #	95
25) 2-Butanone	6.978	43	20226	29.103	ug/l #	89
26) 2,2-Dichloropropane	6.972	77	17637	5.205	ug/l	98
27) cis-1,2-Dichloroethene	6.972	96	11180	4.643	ug/l	98
28) Bromochloromethane	7.325	49	6769	5.945	ug/l	85
29) Tetrahydrofuran	7.338	42	11953	27.558	ug/l	90
30) Chloroform	7.496	83	18459	4.900	ug/l	98
31) Cyclohexane	7.777	56	18623	5.785	ug/l #	73
32) 1,1,1-Trichloroethane	7.691	97	16604	4.868	ug/l	95
36) 1,1-Dichloropropene	7.905	75	13561	4.426	ug/l	97
37) Ethyl Acetate	7.069	43	8098	5.028	ug/l	97
38) Carbon Tetrachloride	7.892	117	14520	4.260	ug/l	98
39) Methylcyclohexane	9.173	83	15774	4.129	ug/l	96
40) Benzene	8.148	78	40206	4.559	ug/l	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091222\
 Data File : VY010448.D
 Acq On : 12 Sep 2022 18:24
 Operator : KP/MD
 Sample : N3980-03 4.0PPB
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL-SOIL-03-QT3-2022

Quant Time: Sep 13 05:27:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 13 05:24:24 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/13/2022
 Supervised By :Mahesh Dadoda 09/13/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	3925m	4.263	ug/l	
42) 1,2-Dichloroethane	8.228	62	12671	4.831	ug/l	95
43) Isopropyl Acetate	8.264	43	13995	4.748	ug/l #	91
44) Trichloroethene	8.929	130	10618	4.090	ug/l	98
45) 1,2-Dichloropropane	9.209	63	9886	4.596	ug/l	94
46) Dibromomethane	9.295	93	5926	4.569	ug/l	96
47) Bromodichloromethane	9.490	83	14344	4.656	ug/l	98
48) Methyl methacrylate	9.288	41	5793	4.376	ug/l #	81
49) 1,4-Dioxane	9.288	88	1623	94.524	ug/l	87
51) 4-Methyl-2-Pentanone	10.063	43	38983	24.113	ug/l	92
52) Toluene	10.240	92	25275	4.379	ug/l	95
53) t-1,3-Dichloropropene	10.459	75	14174	4.470	ug/l	98
54) cis-1,3-Dichloropropene	9.922	75	15770	4.410	ug/l #	89
55) 1,1,2-Trichloroethane	10.636	97	8361	4.531	ug/l	95
56) Ethyl methacrylate	10.502	69	10470	4.321	ug/l #	84
57) 1,3-Dichloropropane	10.788	76	14600	4.759	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	26743	32.442	ug/l	95
59) 2-Hexanone	10.825	43	25829	23.438	ug/l	94
60) Dibromochloromethane	10.977	129	10071	4.467	ug/l	98
61) 1,2-Dibromoethane	11.087	107	7992	4.462	ug/l	98
64) Tetrachloroethene	10.715	164	10747	4.235	ug/l	89
65) Chlorobenzene	11.514	112	27625	4.387	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	10076	4.321	ug/l	95
67) Ethyl Benzene	11.587	91	47623	4.273	ug/l	98
68) m/p-Xylenes	11.697	106	35453	8.104	ug/l	96
69) o-Xylene	12.026	106	17000	4.069	ug/l	94
70) Styrene	12.038	104	28366	4.012	ug/l	96
71) Bromoform	12.203	173	6133	4.206	ug/l #	94
73) Isopropylbenzene	12.325	105	46238	4.242	ug/l	98
74) N-amyl acetate	12.142	43	11724	4.610	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.574	83	10450	5.125	ug/l	95
76) 1,2,3-Trichloropropane	12.629	75	7133m	4.626	ug/l	
77) Bromobenzene	12.605	156	11174	4.326	ug/l	100
78) n-propylbenzene	12.666	91	56053	4.343	ug/l	99
79) 2-Chlorotoluene	12.751	91	31822	4.389	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	39616	4.307	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	3154	4.542	ug/l	93
82) 4-Chlorotoluene	12.849	91	32999	4.375	ug/l	99
83) tert-Butylbenzene	13.068	119	32339	4.023	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	37833	4.204	ug/l	98
85) sec-Butylbenzene	13.251	105	49052	4.121	ug/l	99
86) p-Isopropyltoluene	13.367	119	40430	4.016	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	22112	4.263	ug/l	97
88) 1,4-Dichlorobenzene	13.440	146	22061	4.295	ug/l	93
89) n-Butylbenzene	13.690	91	39812	4.356	ug/l	98
90) Hexachloroethane	13.958	117	8476	4.484	ug/l	89
91) 1,2-Dichlorobenzene	13.733	146	19482	4.241	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	1784	5.183	ug/l	93
93) 1,2,4-Trichlorobenzene	15.001	180	11579	4.058	ug/l	97
94) Hexachlorobutadiene	15.105	225	7330	4.258	ug/l	95
95) Naphthalene	15.233	128	22771	4.046	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	10468	4.203	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091222\
 Data File : VY010448.D
 Acq On : 12 Sep 2022 18:24
 Operator : KP/MD
 Sample : N3980-03 4.0PPB
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
ClientSampleId :
 MDL-SOIL-03-QT3-2022

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 09/13/2022
 Supervised By :Mahesh Dadoda 09/13/2022

Quant Time: Sep 13 05:27:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 13 05:24:24 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

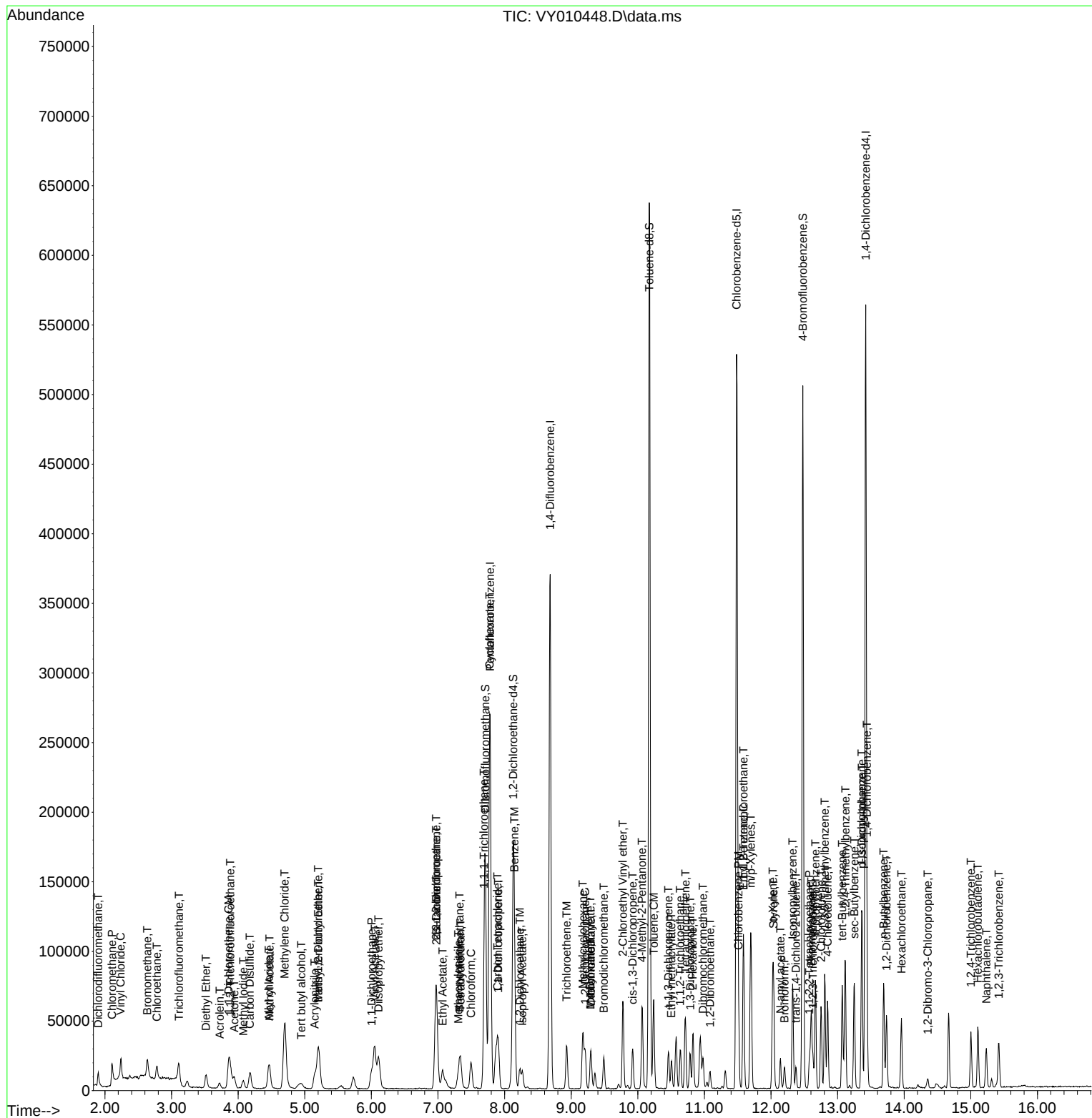
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091222\
 Data File : VY010448.D
 Acq On : 12 Sep 2022 18:24
 Operator : KP/MD
 Sample : N3980-03 4.0PPB
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL-SOIL-03-QT3-2022

Quant Time: Sep 13 05:27:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 13 05:24:24 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

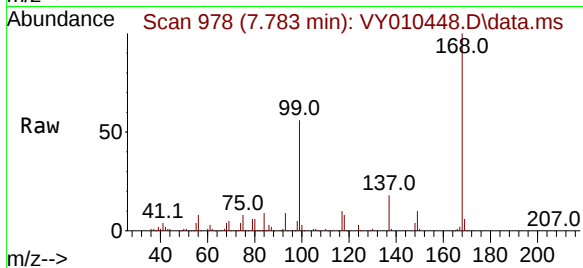
Reviewed By :Krupa Patel 09/13/2022
 Supervised By :Mahesh Dadoda 09/13/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010448.D
Acq: 12 Sep 2022 18:24

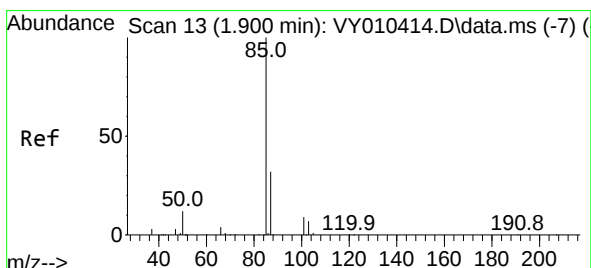
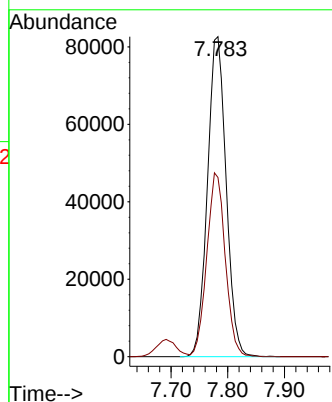
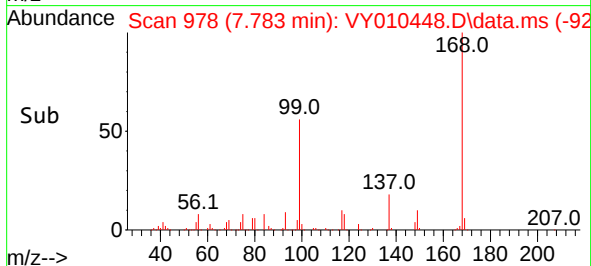
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2022



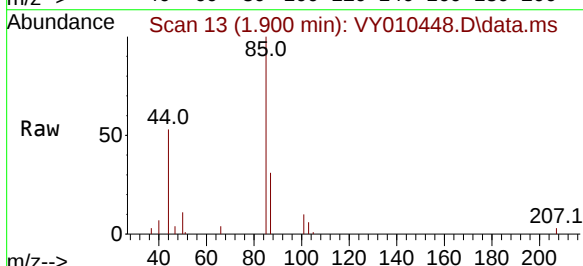
Tgt Ion:168 Resp: 189200
Ion Ratio Lower Upper
168 100
99 56.0 46.9 70.3

Manual Integrations
APPROVED

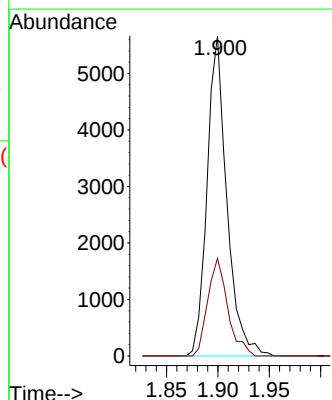
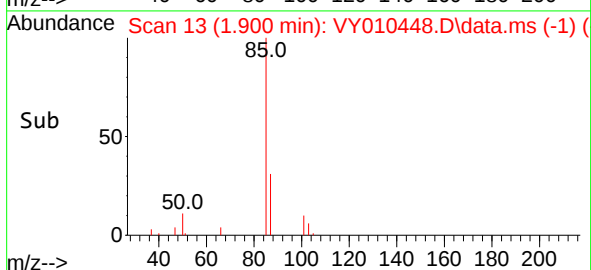
Reviewed By :Krupa Patel 09/13/2022
Supervised By :Mahesh Dadoda 09/13/2022

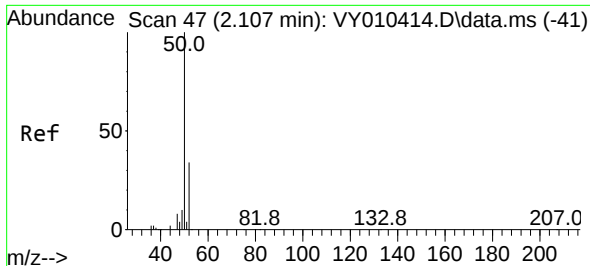


#2
Dichlorodifluoromethane
Concen: 5.226 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY010448.D
Acq: 12 Sep 2022 18:24



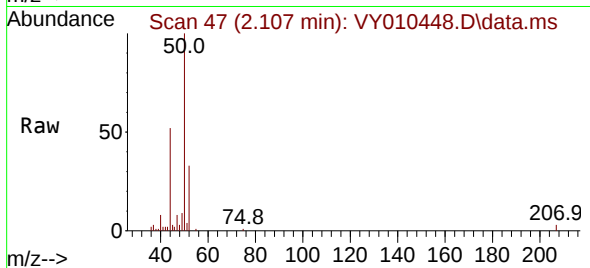
Tgt Ion: 85 Resp: 7576
Ion Ratio Lower Upper
85 100
87 30.5 16.1 48.2





#3
Chloromethane
Concen: 5.598 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY010448.D
Acq: 12 Sep 2022 18:24

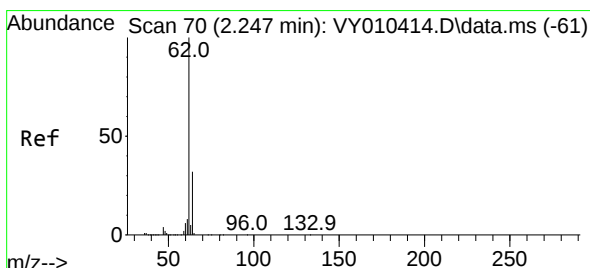
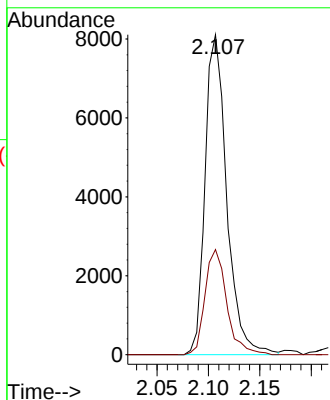
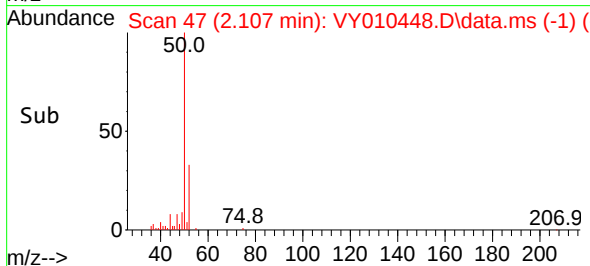
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2022



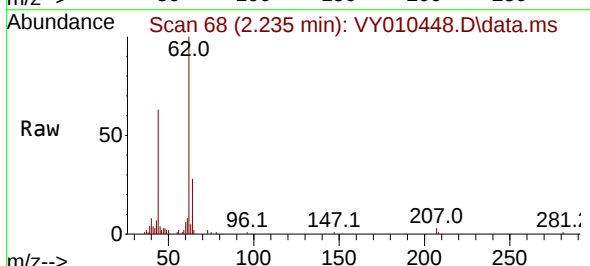
Tgt Ion: 50 Resp: 11900
Ion Ratio Lower Upper
50 100
52 32.8 24.6 37.0

Manual Integrations
APPROVED

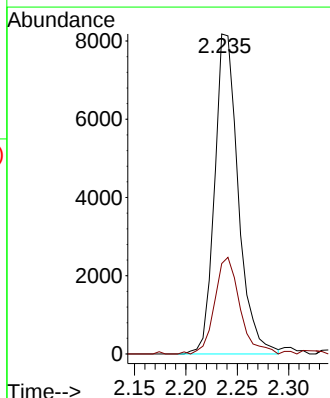
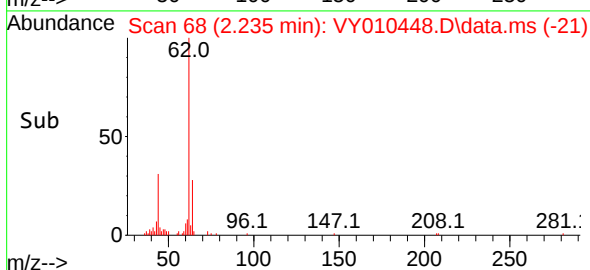
Reviewed By :Krupa Patel 09/13/2022
Supervised By :Mahesh Dadoda 09/13/2022

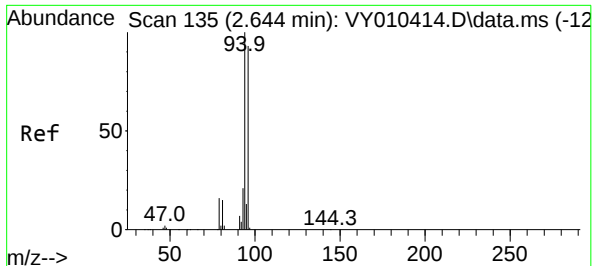


#4
Vinyl Chloride
Concen: 4.995 ug/l
RT: 2.235 min Scan# 68
Delta R.T. -0.012 min
Lab File: VY010448.D
Acq: 12 Sep 2022 18:24



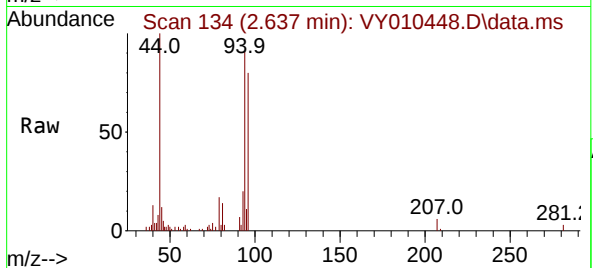
Tgt Ion: 62 Resp: 13098
Ion Ratio Lower Upper
62 100
64 28.3 25.0 37.6





#5
Bromomethane
Concen: 4.919 ug/l
RT: 2.637 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY010448.D
Acq: 12 Sep 2022 18:24

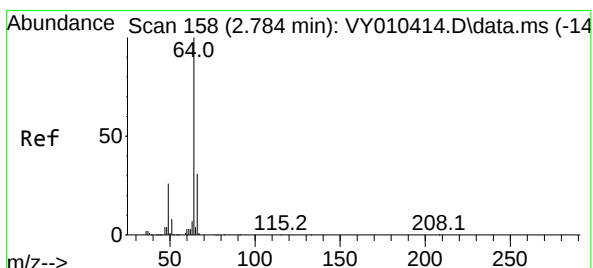
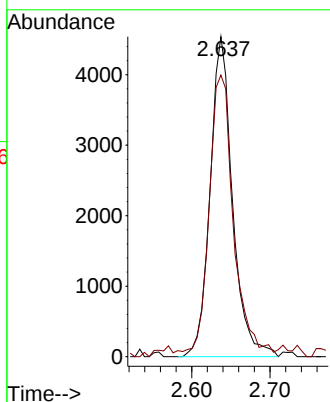
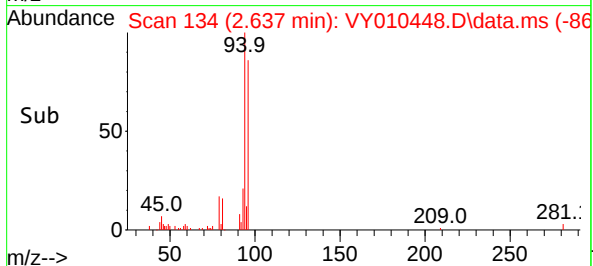
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2022



Tgt Ion: 94 Resp: 9038
Ion Ratio Lower Upper
94 100
96 86.1 73.5 110.3

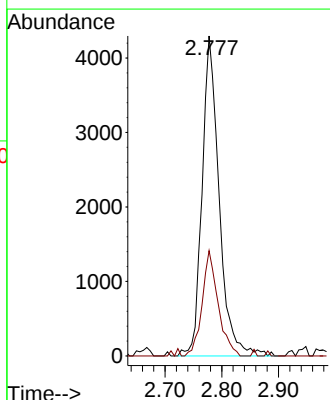
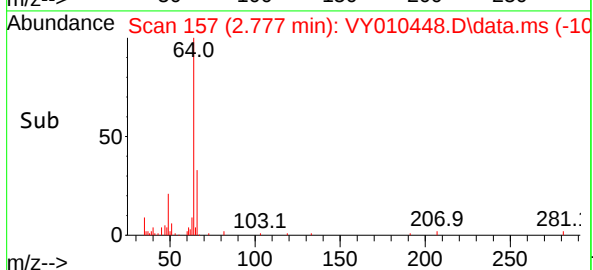
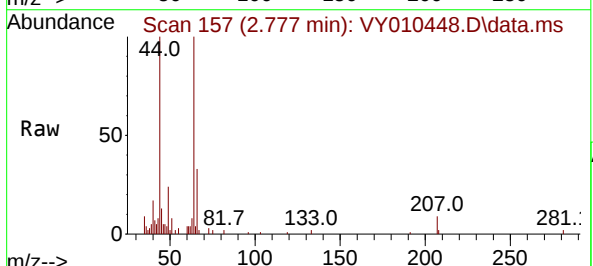
Manual Integrations
APPROVED

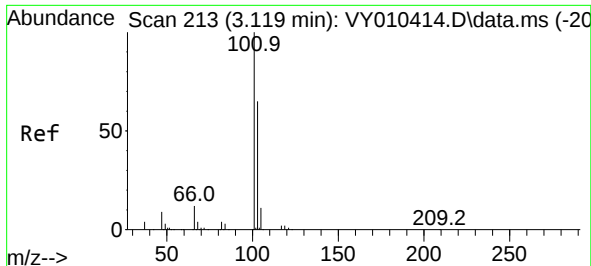
Reviewed By :Krupa Patel 09/13/2022
Supervised By :Mahesh Dadoda 09/13/2022



#6
Chloroethane
Concen: 5.130 ug/l
RT: 2.777 min Scan# 157
Delta R.T. -0.007 min
Lab File: VY010448.D
Acq: 12 Sep 2022 18:24

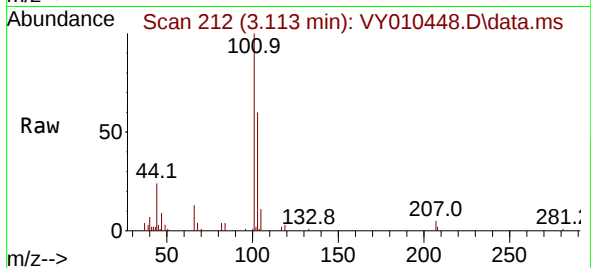
Tgt Ion: 64 Resp: 8999
Ion Ratio Lower Upper
64 100
66 32.9 25.4 38.0





#7
Trichlorofluoromethane
Concen: 4.850 ug/l
RT: 3.113 min Scan# 213
Delta R.T. -0.006 min
Lab File: VY010448.D
Acq: 12 Sep 2022 18:24

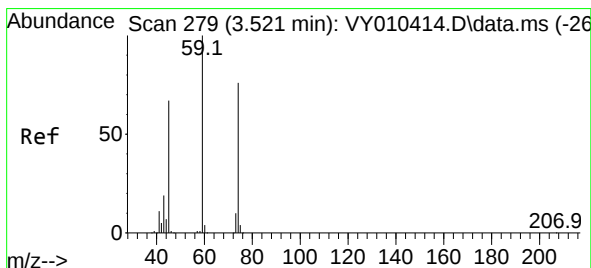
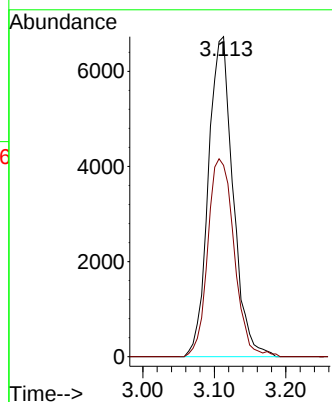
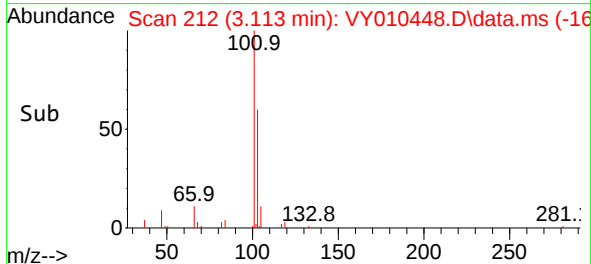
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2022



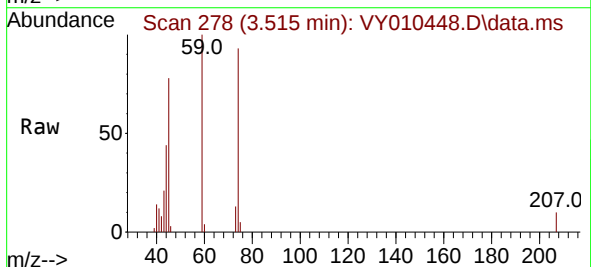
Tgt Ion:101 Resp: 1611
Ion Ratio Lower Upper
101 100
103 59.8 48.0 72.0

Manual Integrations
APPROVED

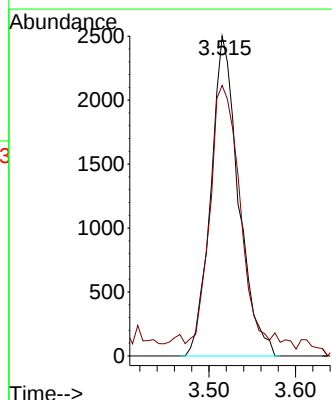
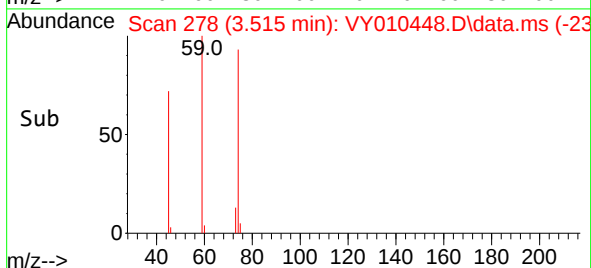
Reviewed By :Krupa Patel 09/13/2022
Supervised By :Mahesh Dadoda 09/13/2022

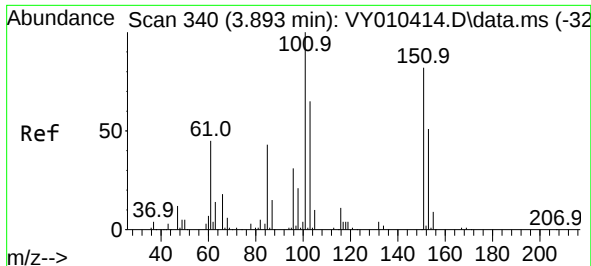


#8
Diethyl Ether
Concen: 5.175 ug/l
RT: 3.515 min Scan# 278
Delta R.T. -0.006 min
Lab File: VY010448.D
Acq: 12 Sep 2022 18:24



Tgt Ion: 74 Resp: 5568
Ion Ratio Lower Upper
74 100
45 91.2 55.1 165.5





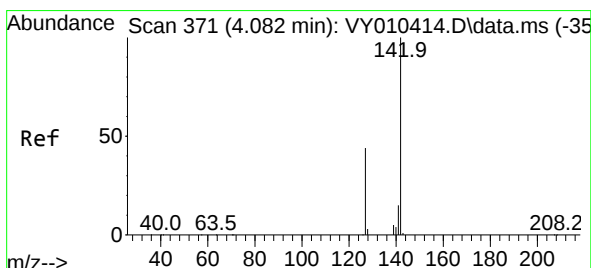
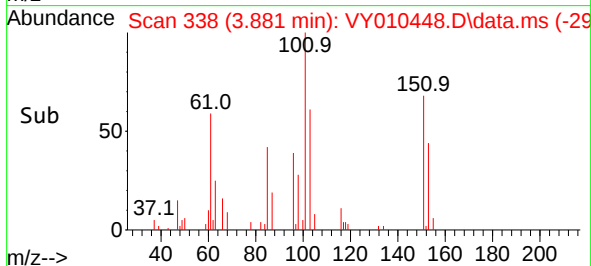
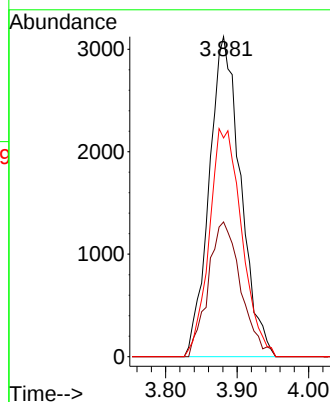
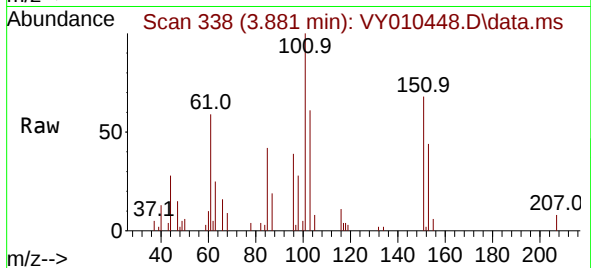
#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.905 ug/l
RT: 3.881 min Scan# 31
Delta R.T. -0.012 min
Lab File: VY010448.D
Acq: 12 Sep 2022 18:24

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2022

Tgt Ion:101 Resp: 953
Ion Ratio Lower Upper
101 100
85 43.8 40.6 60.8
151 73.8 64.9 97.3

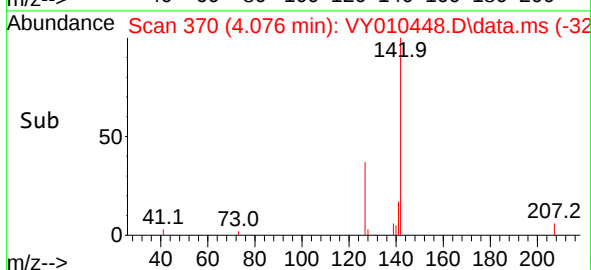
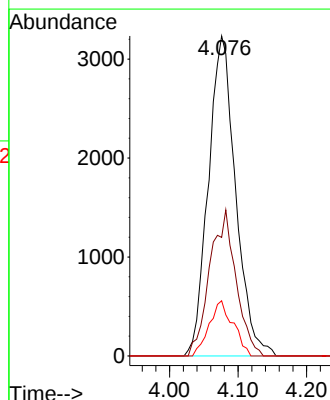
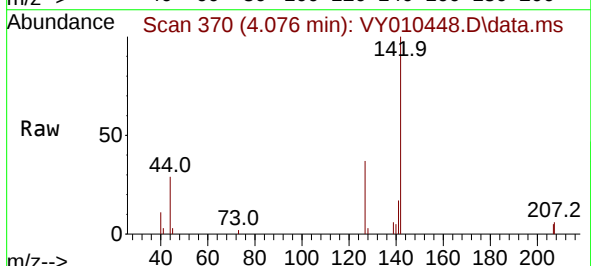
Manual Integrations
APPROVED

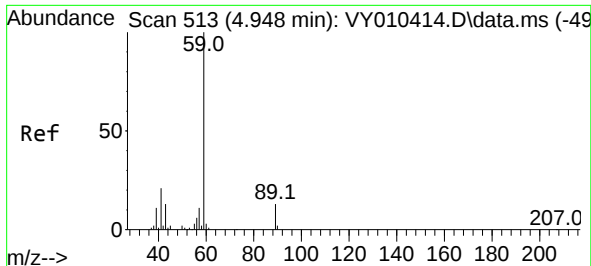
Reviewed By :Krupa Patel 09/13/2022
Supervised By :Mahesh Dadoda 09/13/2022



#10
Methyl Iodide
Concen: 3.716 ug/l
RT: 4.076 min Scan# 370
Delta R.T. -0.006 min
Lab File: VY010448.D
Acq: 12 Sep 2022 18:24

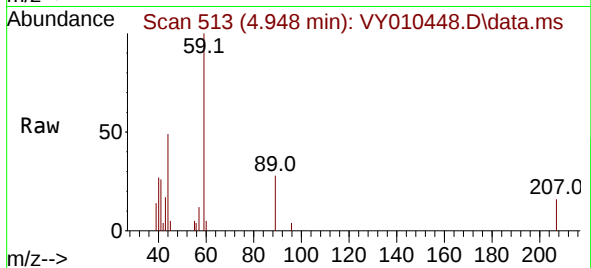
Tgt Ion:142 Resp: 8943
Ion Ratio Lower Upper
142 100
127 43.9 41.5 62.3
141 15.1 11.9 17.9





#11
Tert butyl alcohol
Concen: 30.293 ug/l m
RT: 4.948 min Scan# 513
Delta R.T. -0.000 min
Lab File: VY010448.D
Acq: 12 Sep 2022 18:24

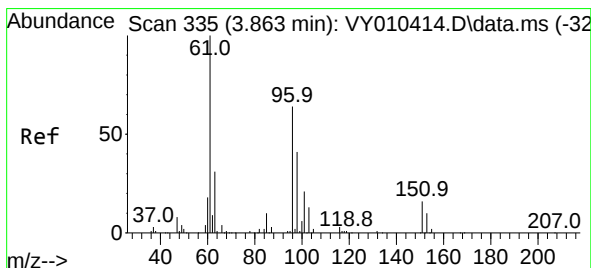
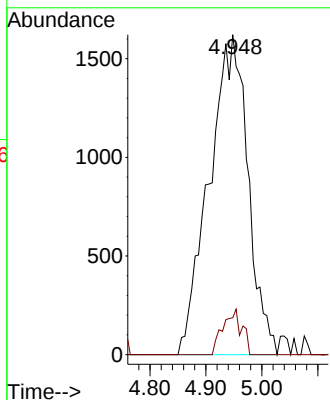
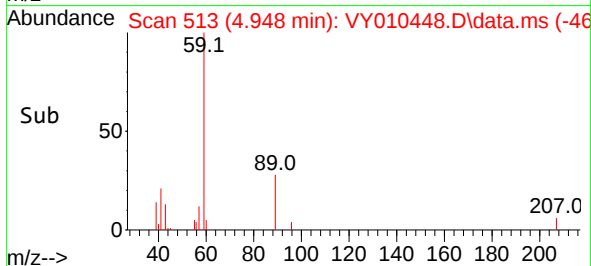
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2022



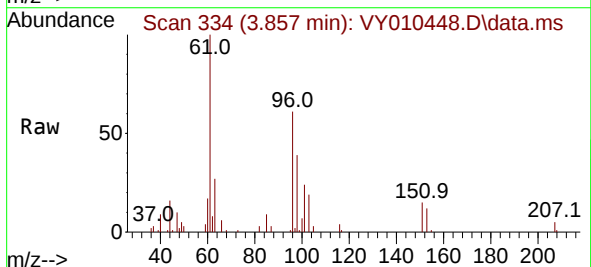
Tgt Ion: 59 Resp: 779
Ion Ratio Lower Upper
59 100
57 6.9 6.4 9.6

Manual Integrations
APPROVED

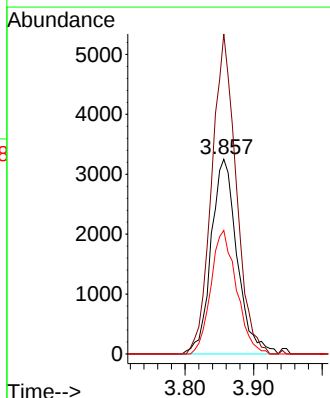
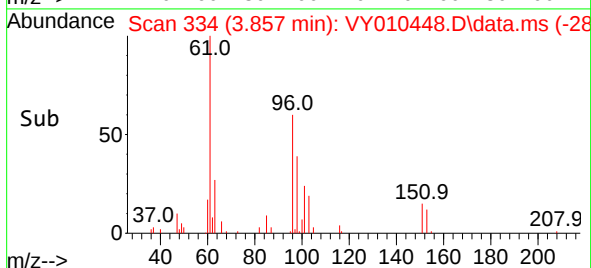
Reviewed By :Krupa Patel 09/13/2022
Supervised By :Mahesh Dadoda 09/13/2022

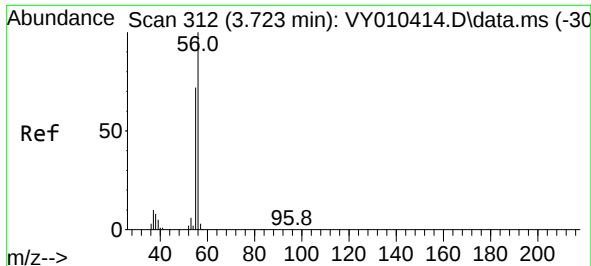


#12
1,1-Dichloroethene
Concen: 4.684 ug/l
RT: 3.857 min Scan# 334
Delta R.T. -0.006 min
Lab File: VY010448.D
Acq: 12 Sep 2022 18:24



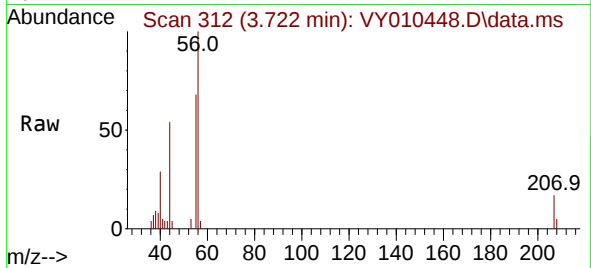
Tgt Ion: 96 Resp: 8547
Ion Ratio Lower Upper
96 100
61 164.4 145.8 218.6
98 63.4 52.5 78.7





#13
Acrolein
Concen: 22.773 ug/l
RT: 3.722 min Scan# 312
Delta R.T. -0.001 min
Lab File: VY010448.D
Acq: 12 Sep 2022 18:24

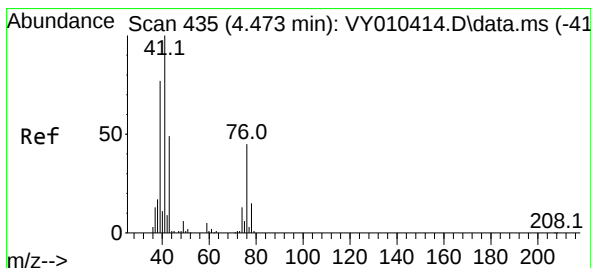
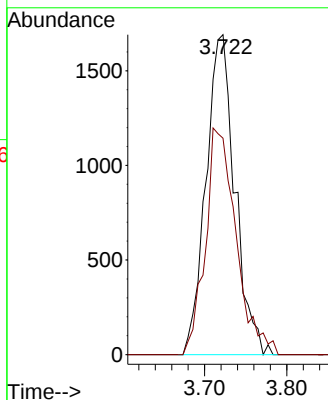
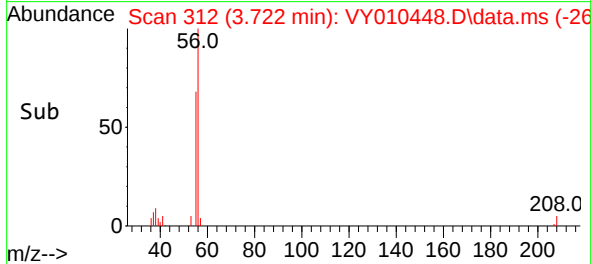
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2022



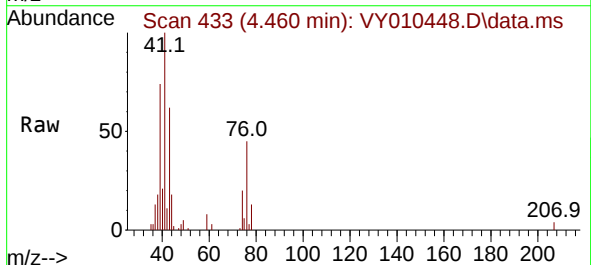
Tgt Ion: 56 Resp: 4140
Ion Ratio Lower Upper
56 100
55 74.9 57.6 86.4

Manual Integrations
APPROVED

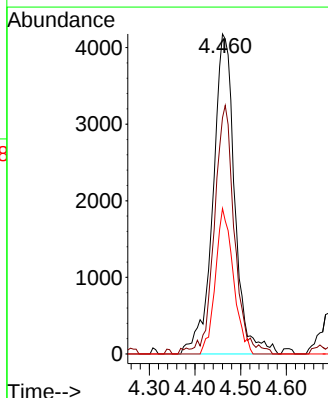
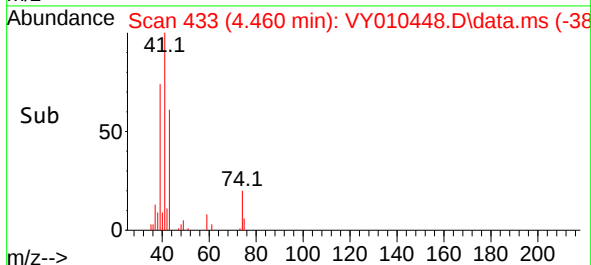
Reviewed By :Krupa Patel 09/13/2022
Supervised By :Mahesh Dadoda 09/13/2022

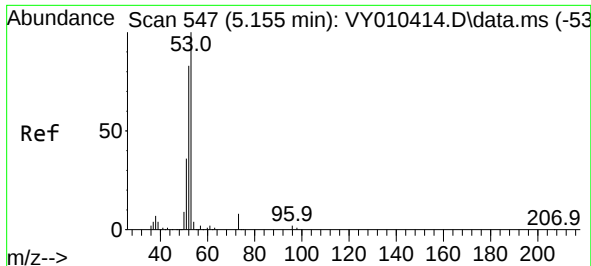


#14
Allyl chloride
Concen: 5.273 ug/l
RT: 4.460 min Scan# 433
Delta R.T. -0.013 min
Lab File: VY010448.D
Acq: 12 Sep 2022 18:24



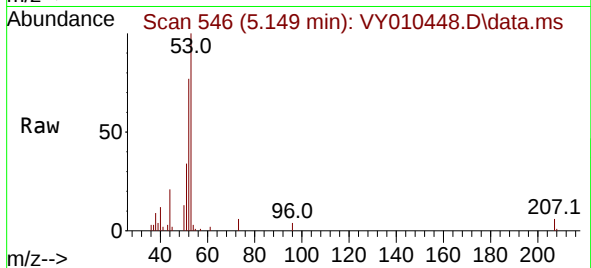
Tgt Ion: 41 Resp: 13855
Ion Ratio Lower Upper
41 100
39 71.7 58.8 88.2
76 37.5 25.1 37.7





#15
Acrylonitrile
Concen: 26.933 ug/l
RT: 5.149 min Scan# 547
Delta R.T. -0.006 min
Lab File: VY010448.D
Acq: 12 Sep 2022 18:24

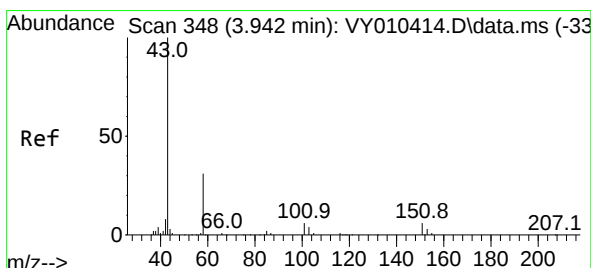
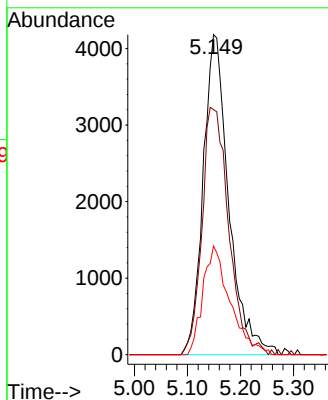
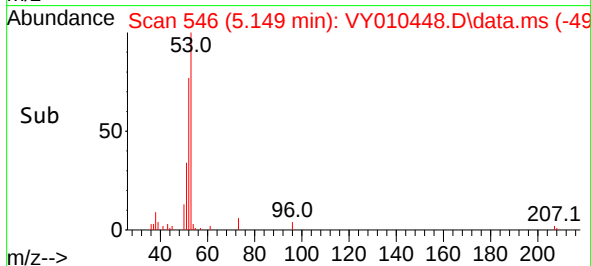
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2022



Tgt Ion: 53 Resp: 1402
Ion Ratio Lower Upper
53 100
52 80.5 67.0 100.4
51 36.0 29.8 44.6

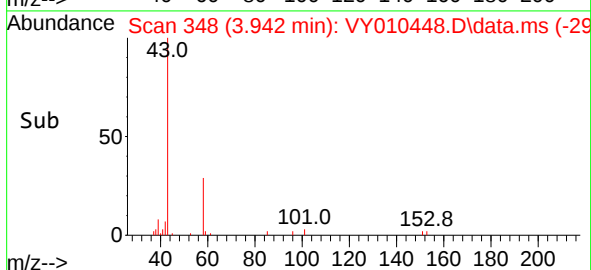
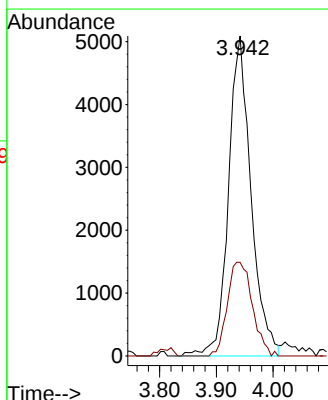
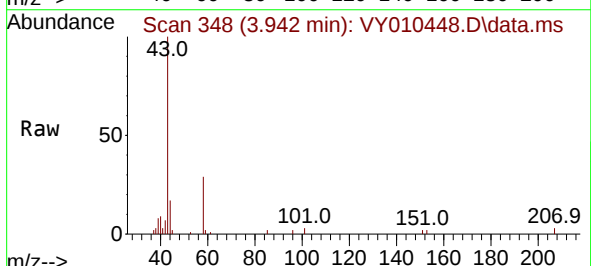
Manual Integrations
APPROVED

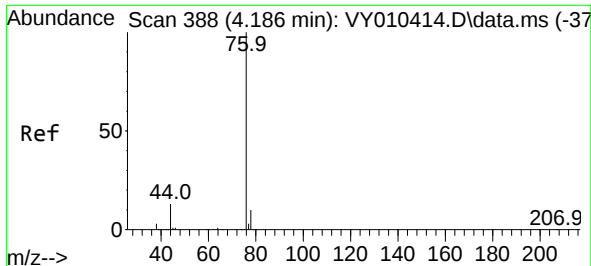
Reviewed By :Krupa Patel 09/13/2022
Supervised By :Mahesh Dadoda 09/13/2022



#16
Acetone
Concen: 32.149 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY010448.D
Acq: 12 Sep 2022 18:24

Tgt Ion: 43 Resp: 14059
Ion Ratio Lower Upper
43 100
58 29.2 22.0 33.0





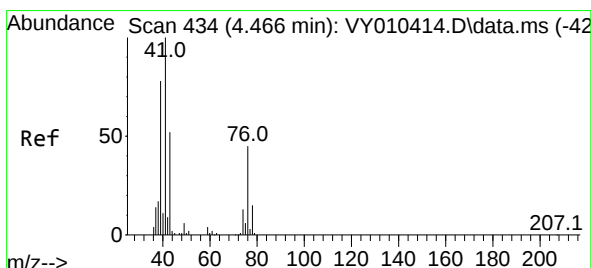
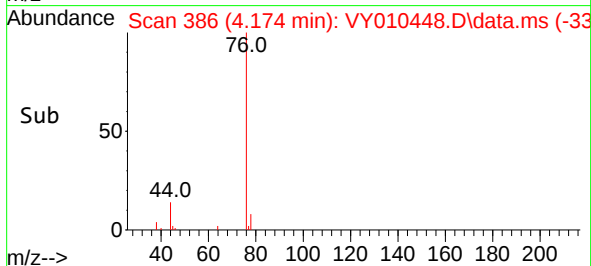
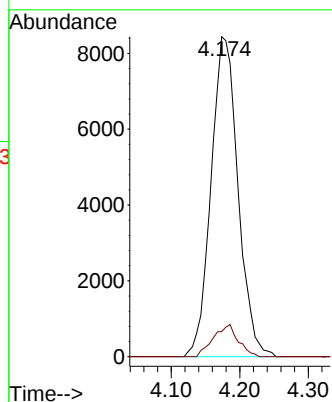
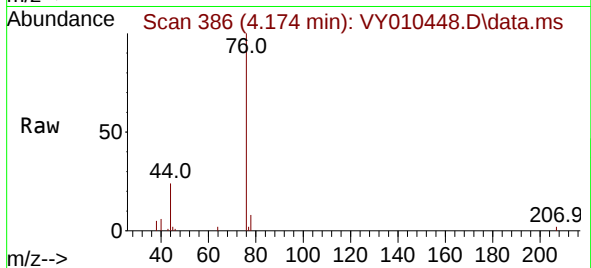
#17
Carbon Disulfide
Concen: 4.669 ug/l
RT: 4.174 min Scan# 386
Delta R.T. -0.012 min
Lab File: VY010448.D
Acq: 12 Sep 2022 18:24

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2022

Tgt Ion: 76 Resp: 2303
Ion Ratio Lower Upper
76 100
78 7.8 7.4 11.0

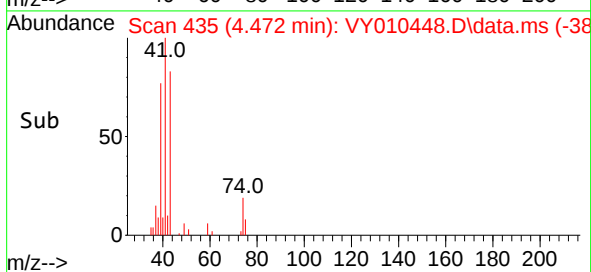
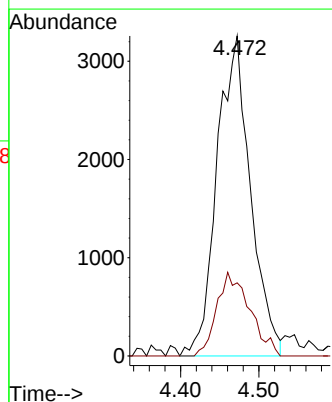
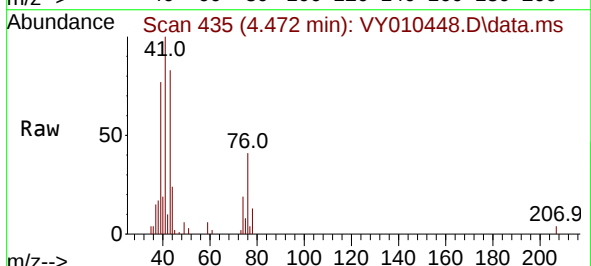
Manual Integrations
APPROVED

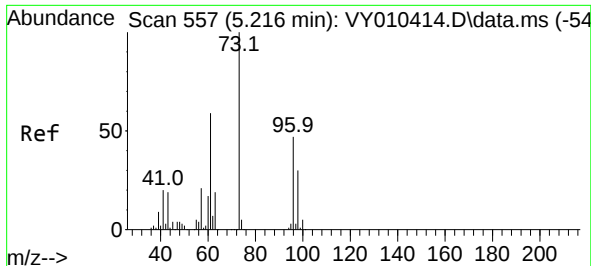
Reviewed By :Krupa Patel 09/13/2022
Supervised By :Mahesh Dadoda 09/13/2022



#18
Methyl Acetate
Concen: 7.193 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.006 min
Lab File: VY010448.D
Acq: 12 Sep 2022 18:24

Tgt Ion: 43 Resp: 9677
Ion Ratio Lower Upper
43 100
74 25.7 16.6 24.8#





#19

Methyl tert-butyl Ether

Concen: 4.960 ug/l

RT: 5.204 min Scan# 51

Delta R.T. -0.012 min

Lab File: VY010448.D

Acq: 12 Sep 2022 18:24

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT3-2022

Tgt Ion: 73 Resp: 24994

Ion Ratio Lower Upper

73 100

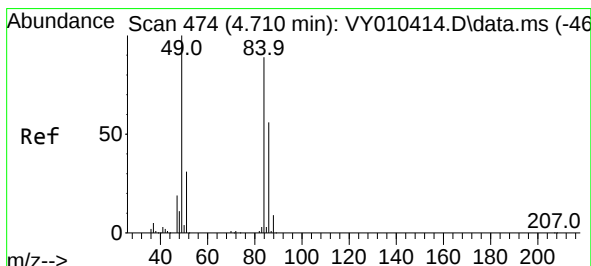
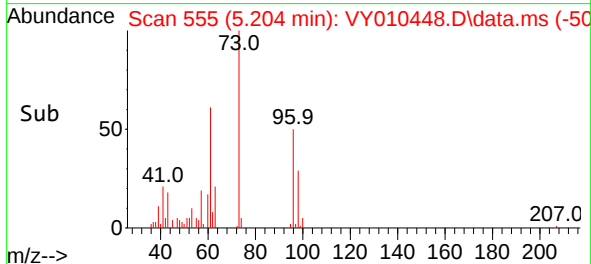
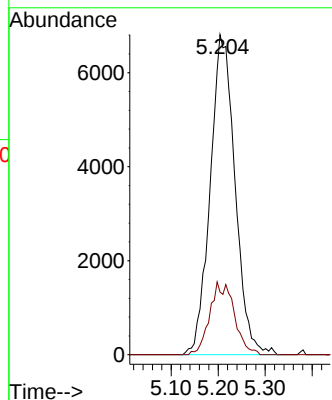
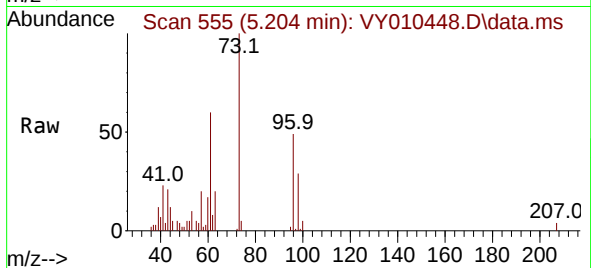
57 19.6 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/13/2022

Supervised By :Mahesh Dadoda 09/13/2022



#20

Methylene Chloride

Concen: 13.346 ug/l

RT: 4.698 min Scan# 472

Delta R.T. -0.012 min

Lab File: VY010448.D

Acq: 12 Sep 2022 18:24

Tgt Ion: 84 Resp: 35618

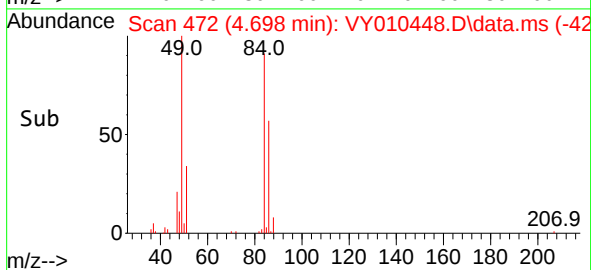
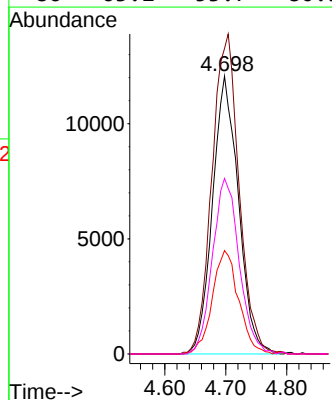
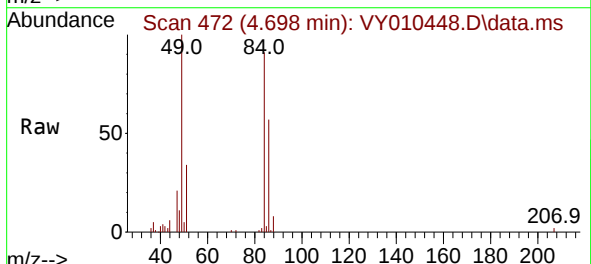
Ion Ratio Lower Upper

84 100

49 109.9 114.4 171.6#

51 37.2 35.3 52.9

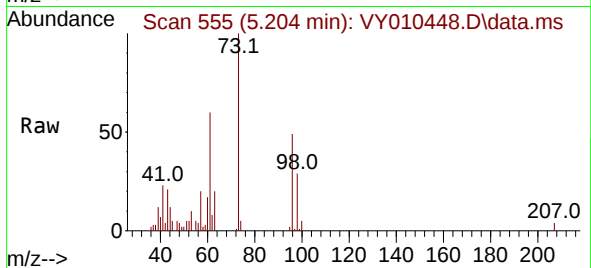
86 63.2 53.7 80.5





#21
trans-1,2-Dichloroethene
Concen: 4.786 ug/l
RT: 5.204 min Scan# 510
Delta R.T. -0.006 min
Lab File: VY010448.D
Acq: 12 Sep 2022 18:24

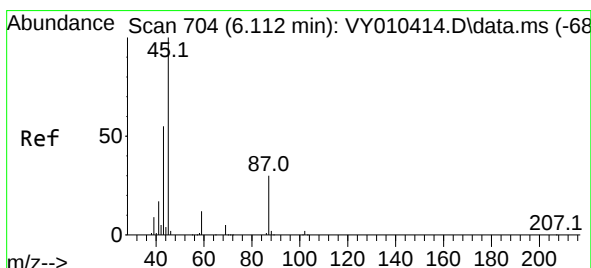
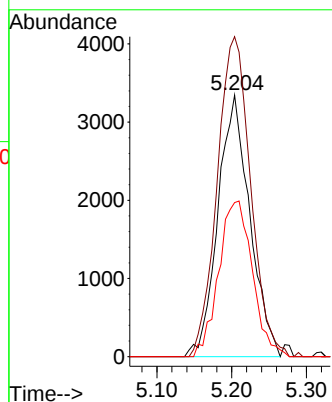
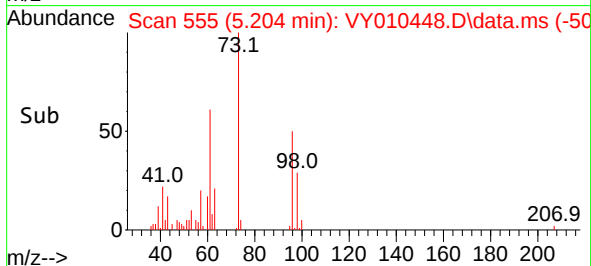
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2022



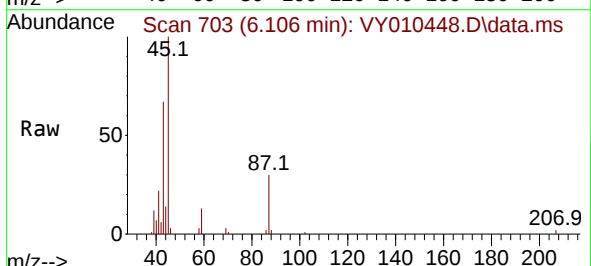
Tgt Ion: 96 Resp: 9910
Ion Ratio Lower Upper
96 100
61 122.3 120.5 180.7
98 58.9 49.8 74.8

Manual Integrations
APPROVED

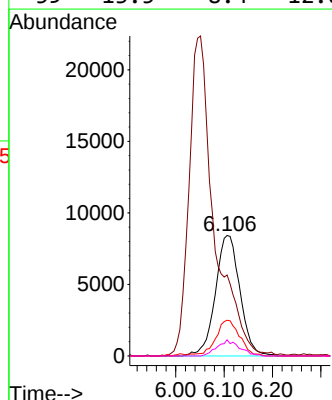
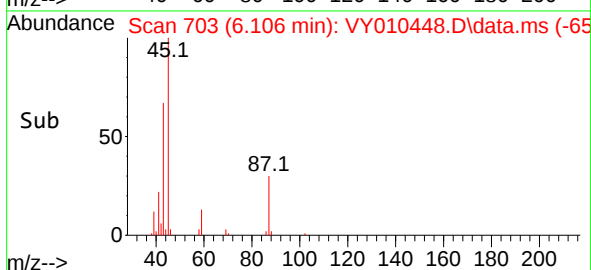
Reviewed By :Krupa Patel 09/13/2022
Supervised By :Mahesh Dadoda 09/13/2022

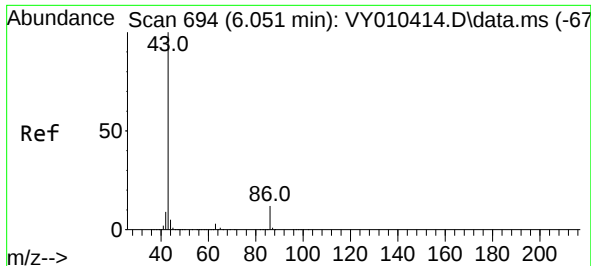


#22
Diisopropyl ether
Concen: 5.053 ug/l
RT: 6.106 min Scan# 703
Delta R.T. -0.006 min
Lab File: VY010448.D
Acq: 12 Sep 2022 18:24



Tgt Ion: 45 Resp: 29637
Ion Ratio Lower Upper
45 100
43 65.6 49.3 73.9
87 29.6 19.2 28.8#
59 13.5 8.4 12.6#





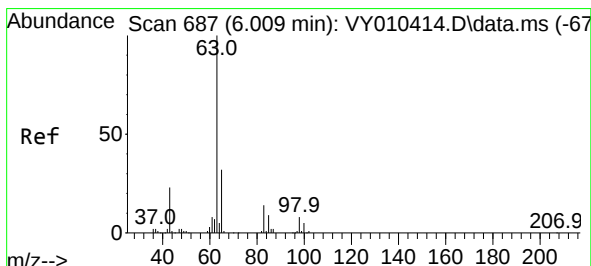
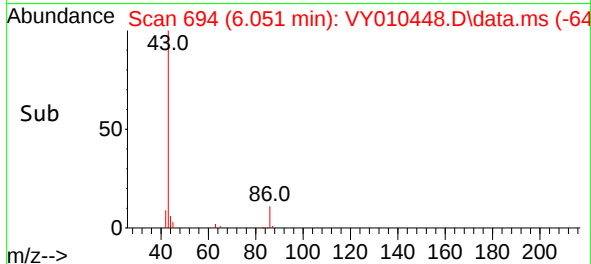
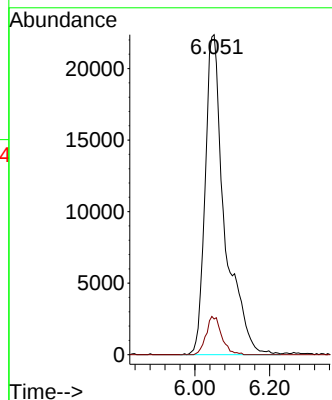
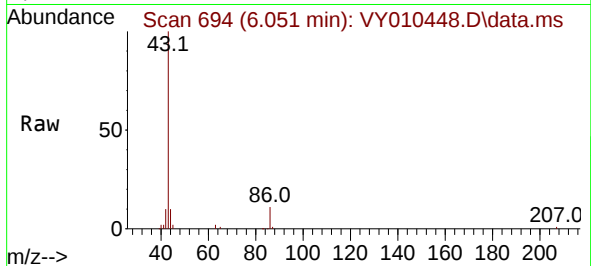
#23
 Vinyl Acetate
 Concen: 22.585 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. 0.000 min
 Lab File: VY010448.D
 Acq: 12 Sep 2022 18:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL-SOIL-03-QT3-2022

Tgt Ion: 43 Resp: 8118
 Ion Ratio Lower Upper
 43 100
 86 11.2 7.1 10.7

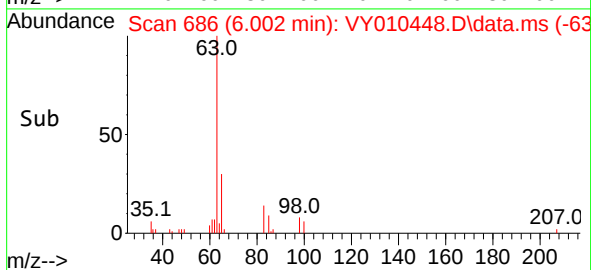
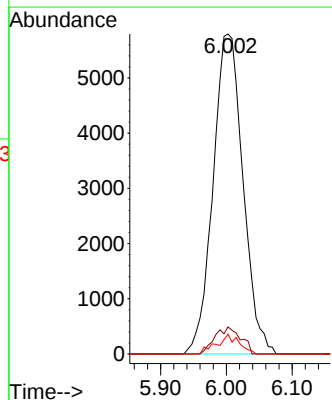
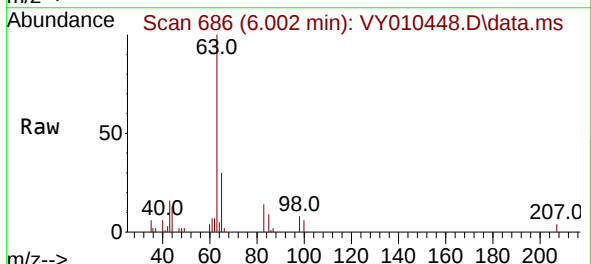
Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/13/2022
 Supervised By :Mahesh Dadoda 09/13/2022



#24
 1,1-Dichloroethane
 Concen: 5.170 ug/l
 RT: 6.002 min Scan# 686
 Delta R.T. -0.007 min
 Lab File: VY010448.D
 Acq: 12 Sep 2022 18:24

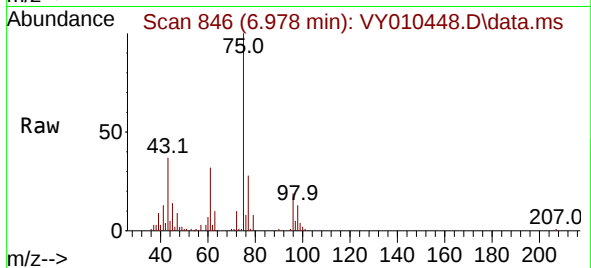
Tgt Ion: 63 Resp: 18360
 Ion Ratio Lower Upper
 63 100
 98 8.5 3.6 10.8
 100 6.2 2.0 5.8





#25
2-Butanone
Concen: 29.103 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY010448.D
Acq: 12 Sep 2022 18:24

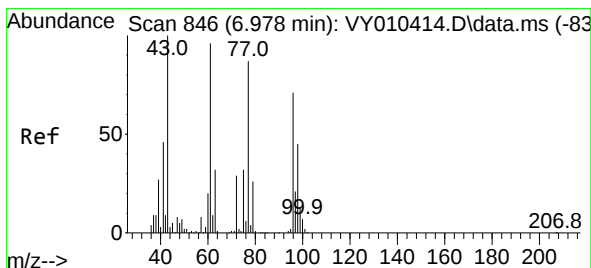
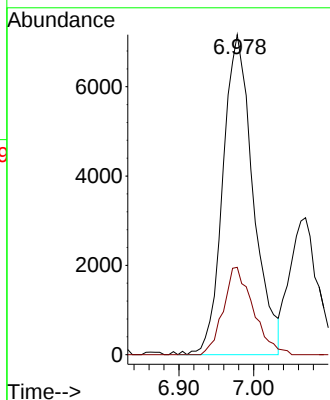
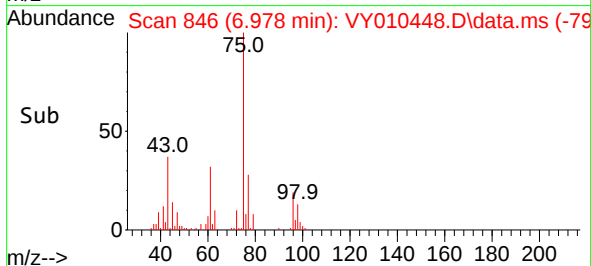
Instrument : MSVOA_Y
Client Sample Id : MDL-SOIL-03-QT3-2022



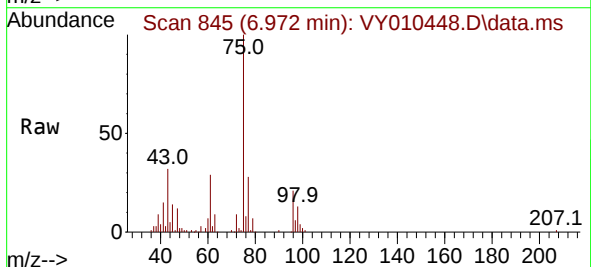
Tgt Ion: 43 Resp: 20220
Ion Ratio Lower Upper
43 100
72 27.3 17.7 26.5

Manual Integrations
APPROVED

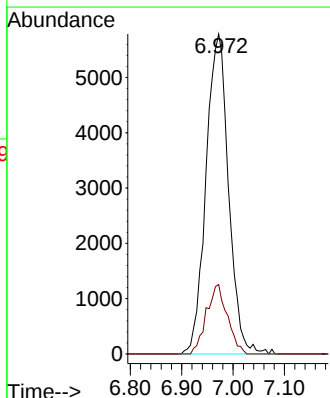
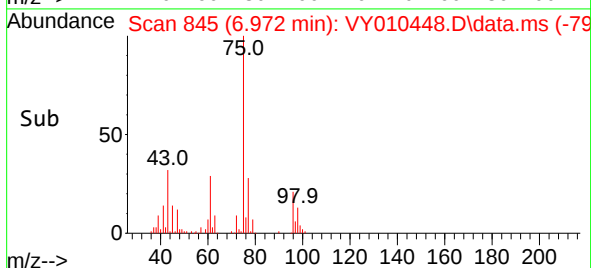
Reviewed By :Krupa Patel 09/13/2022
Supervised By :Mahesh Dadoda 09/13/2022



#26
2,2-Dichloropropane
Concen: 5.205 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY010448.D
Acq: 12 Sep 2022 18:24



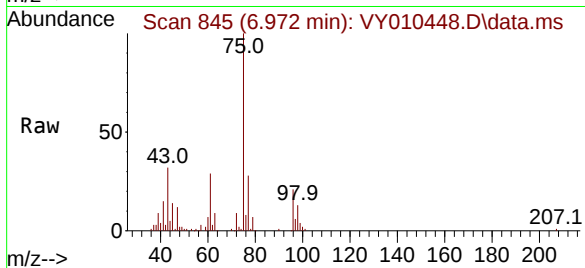
Tgt Ion: 77 Resp: 17637
Ion Ratio Lower Upper
77 100
97 20.1 10.4 31.4





#27
 cis-1,2-Dichloroethene
 Concen: 4.643 ug/l
 RT: 6.972 min Scan# 846
 Delta R.T. -0.006 min
 Lab File: VY010448.D
 Acq: 12 Sep 2022 18:24

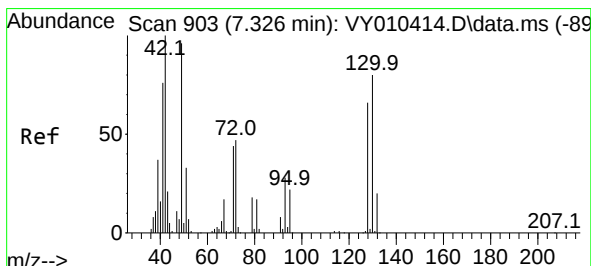
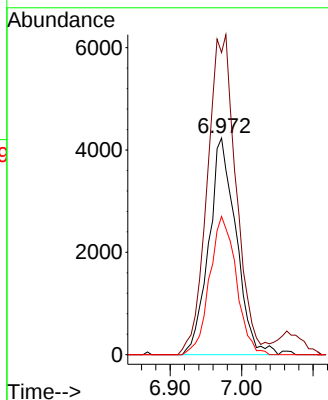
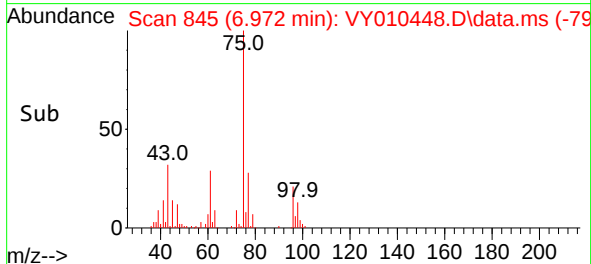
Instrument : MSVOA_Y
 ClientSampleId : MDL-SOIL-03-QT3-2022



Tgt Ion: 96 Resp: 11180
 Ion Ratio Lower Upper
 96 100
 61 157.4 0.0 319.8
 98 62.4 0.0 127.0

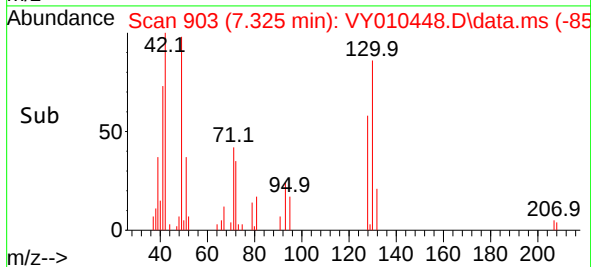
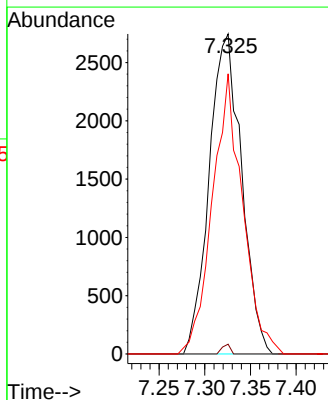
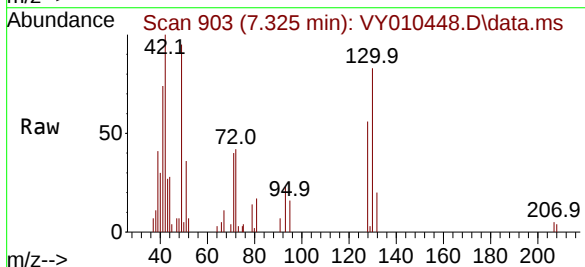
Manual Integrations
 APPROVED

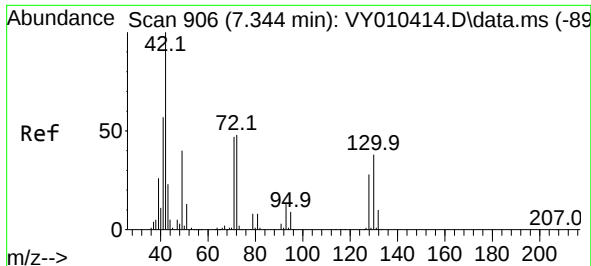
Reviewed By :Krupa Patel 09/13/2022
 Supervised By :Mahesh Dadoda 09/13/2022



#28
 Bromochloromethane
 Concen: 5.945 ug/l
 RT: 7.325 min Scan# 903
 Delta R.T. -0.001 min
 Lab File: VY010448.D
 Acq: 12 Sep 2022 18:24

Tgt Ion: 49 Resp: 6769
 Ion Ratio Lower Upper
 49 100
 129 0.8 0.0 2.2
 130 81.5 55.4 83.0





#29

Tetrahydrofuran

Concen: 27.558 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.006 min

Lab File: VY010448.D

Acq: 12 Sep 2022 18:24

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT3-2022

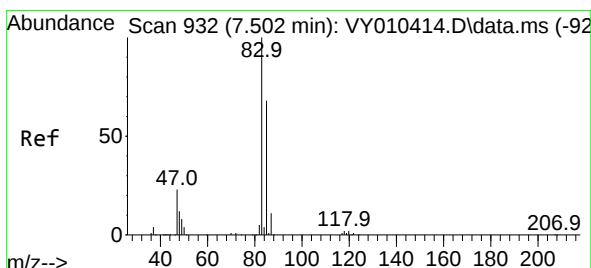
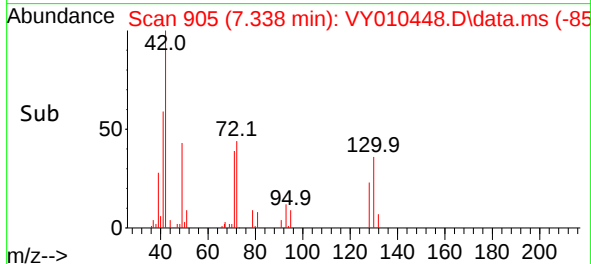
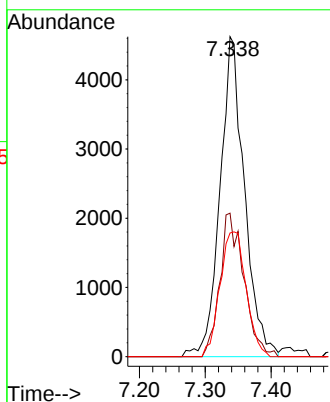
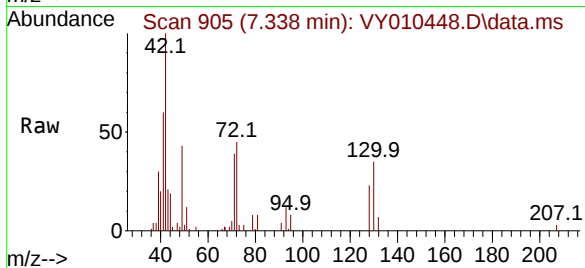
Tgt Ion:	42	Resp:	1195
Ion Ratio	Lower	Upper	
42	100		
72	44.1	30.3	45.5
71	41.7	29.0	43.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/13/2022

Supervised By :Mahesh Dadoda 09/13/2022



#30

Chloroform

Concen: 4.900 ug/l

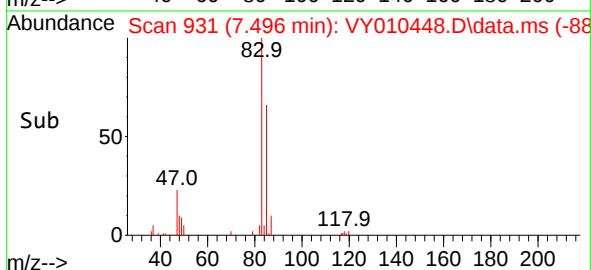
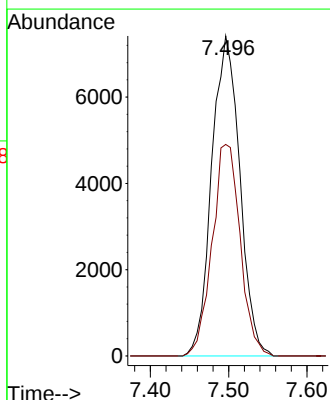
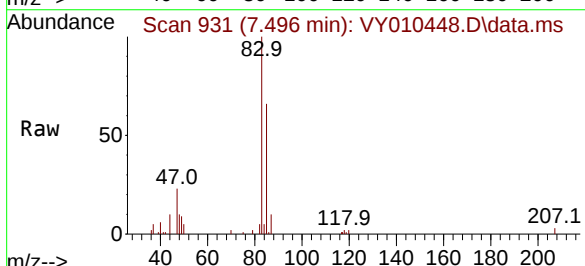
RT: 7.496 min Scan# 931

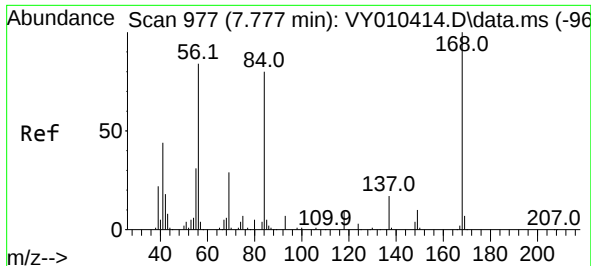
Delta R.T. -0.006 min

Lab File: VY010448.D

Acq: 12 Sep 2022 18:24

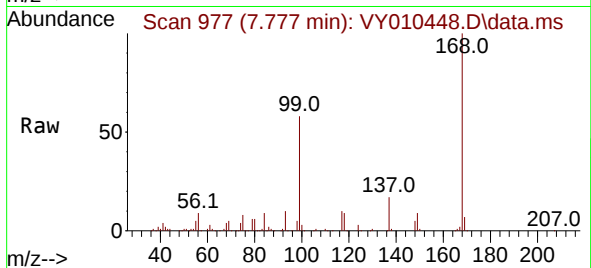
Tgt Ion:	83	Resp:	18459
Ion Ratio	Lower	Upper	
83	100		
85	66.1	51.8	77.6





#31
Cyclohexane
Concen: 5.785 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010448.D
Acq: 12 Sep 2022 18:24

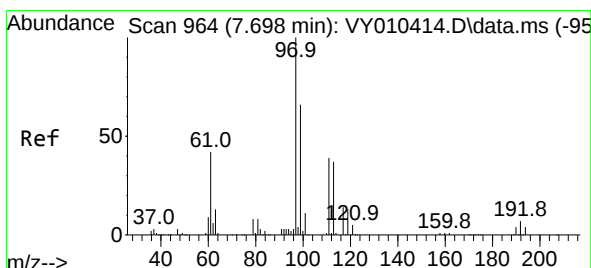
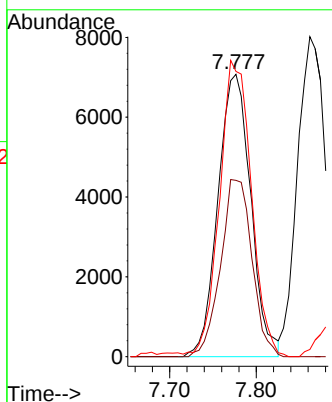
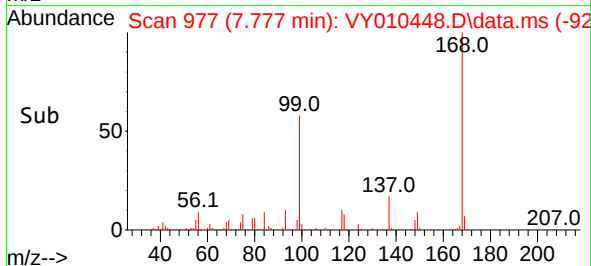
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2022



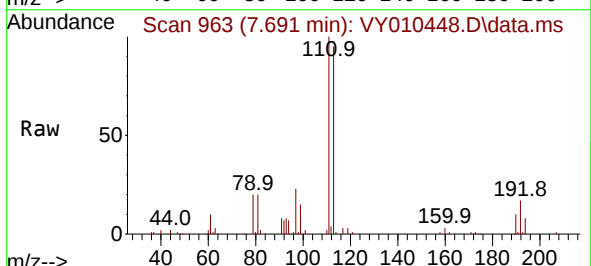
Tgt Ion: 56 Resp: 1862
Ion Ratio Lower Upper
56 100
69 62.5 26.7 40.1
84 99.7 67.2 100.8

Manual Integrations
APPROVED

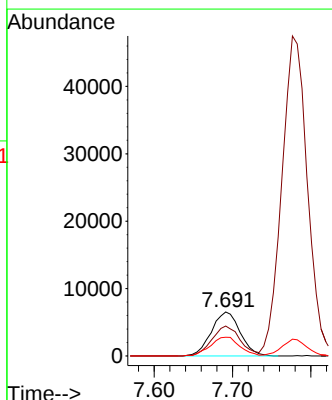
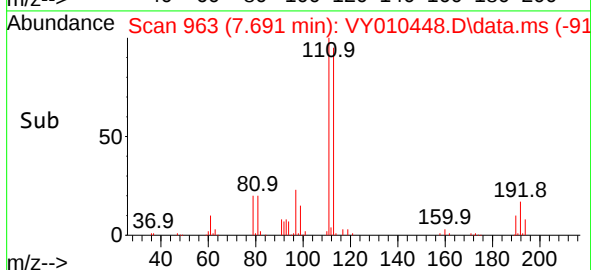
Reviewed By :Krupa Patel 09/13/2022
Supervised By :Mahesh Dadoda 09/13/2022

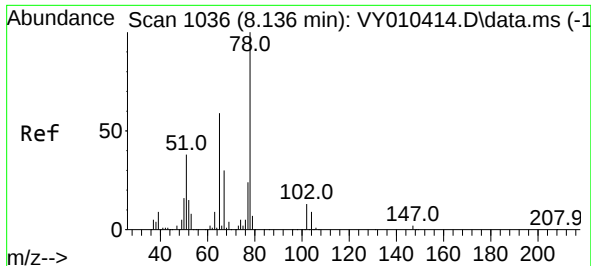


#32
1,1,1-Trichloroethane
Concen: 4.868 ug/l
RT: 7.691 min Scan# 963
Delta R.T. -0.007 min
Lab File: VY010448.D
Acq: 12 Sep 2022 18:24



Tgt Ion: 97 Resp: 16604
Ion Ratio Lower Upper
97 100
99 67.1 50.7 76.1
61 43.8 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 64.010 ug/l

RT: 8.130 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY010448.D

Acq: 12 Sep 2022 18:24

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT3-2022

Tgt Ion: 65 Resp: 12197

Ion Ratio Lower Upper

65 100

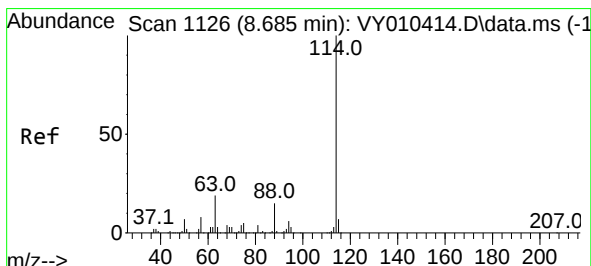
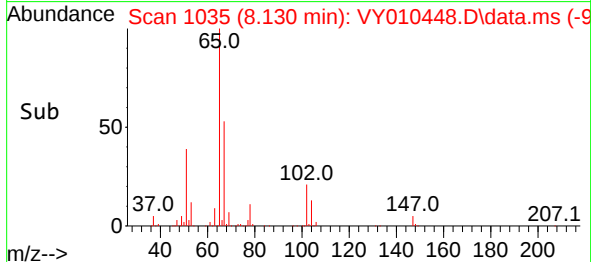
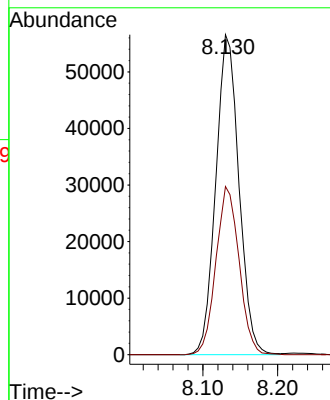
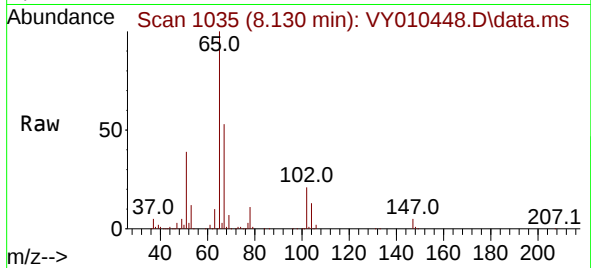
67 52.6 0.0 99.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/13/2022

Supervised By :Mahesh Dadoda 09/13/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY010448.D

Acq: 12 Sep 2022 18:24

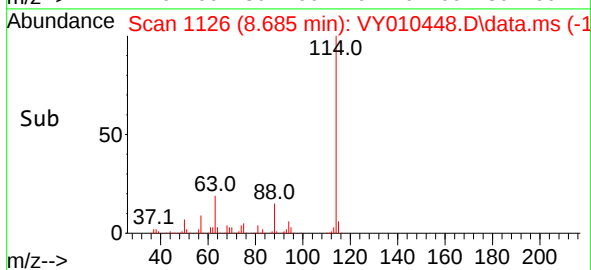
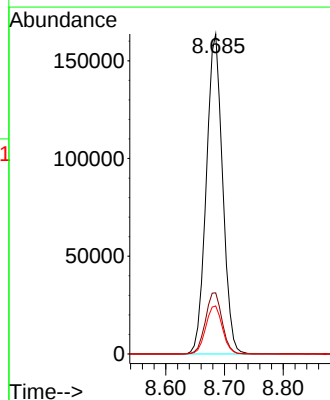
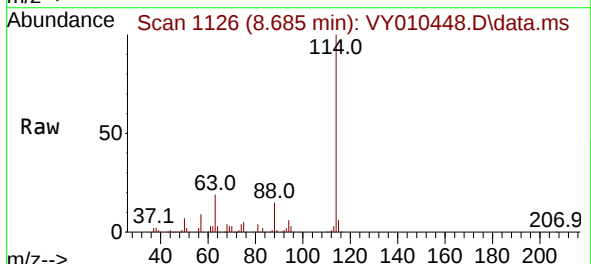
Tgt Ion:114 Resp: 315100

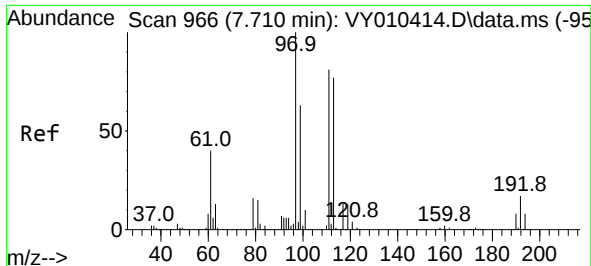
Ion Ratio Lower Upper

114 100

63 19.1 0.0 43.2

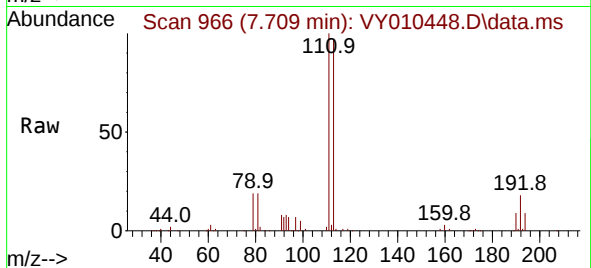
88 15.0 0.0 31.8





#35
Dibromofluoromethane
Concen: 50.537 ug/l
RT: 7.709 min Scan# 911
Delta R.T. -0.001 min
Lab File: VY010448.D
Acq: 12 Sep 2022 18:24

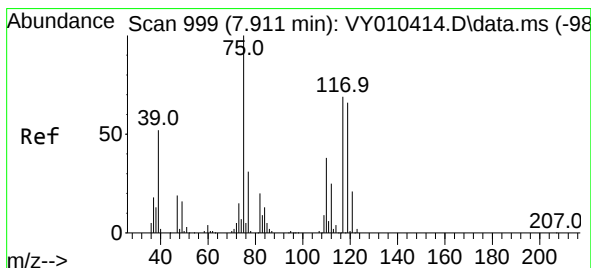
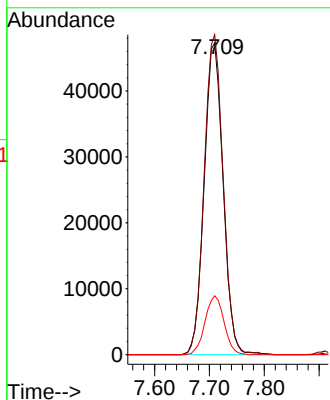
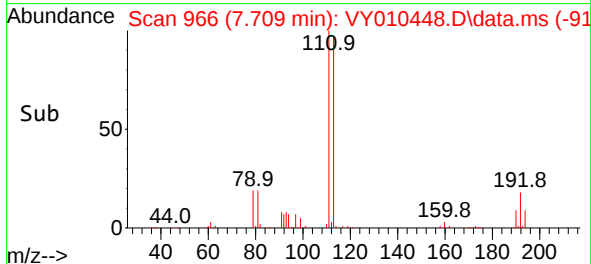
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2022



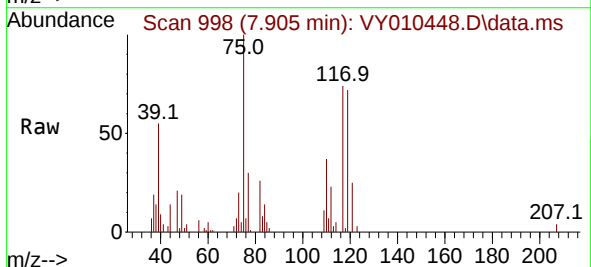
Tgt Ion: 113 Resp: 113095
Ion Ratio Lower Upper
113 100
111 103.0 82.6 124.0
192 19.0 17.6 26.4

Manual Integrations
APPROVED

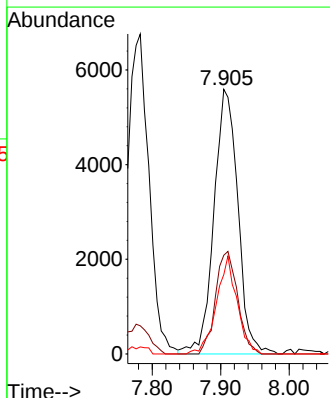
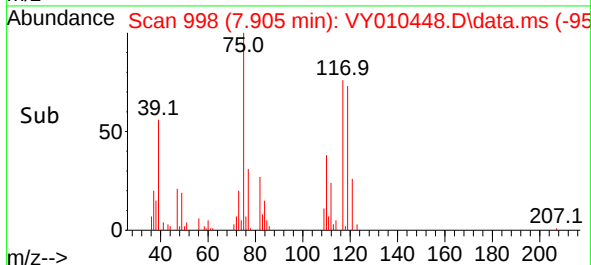
Reviewed By :Krupa Patel 09/13/2022
Supervised By :Mahesh Dadoda 09/13/2022

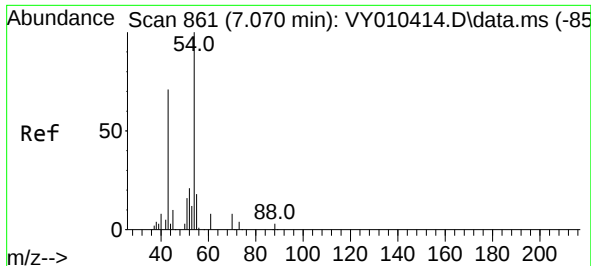


#36
1,1-Dichloropropene
Concen: 4.426 ug/l
RT: 7.905 min Scan# 998
Delta R.T. -0.006 min
Lab File: VY010448.D
Acq: 12 Sep 2022 18:24



Tgt Ion: 75 Resp: 13561
Ion Ratio Lower Upper
75 100
110 35.7 17.1 51.2
77 31.8 24.4 36.6





#37

Ethyl Acetate

Concen: 5.028 ug/l

RT: 7.069 min Scan# 809

Delta R.T. -0.001 min

Lab File: VY010448.D

Acq: 12 Sep 2022 18:24

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT3-2022

Tgt Ion: 43 Resp: 8098

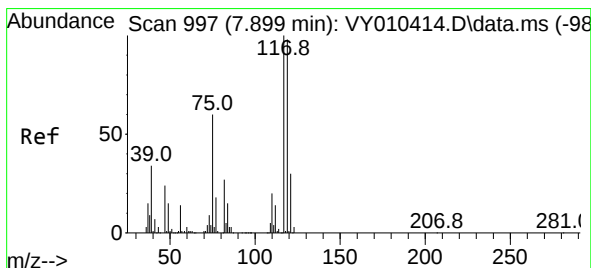
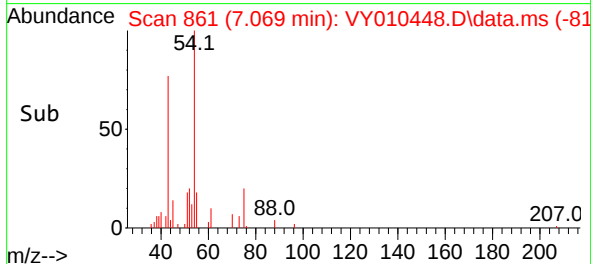
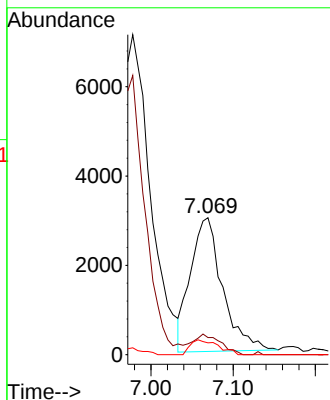
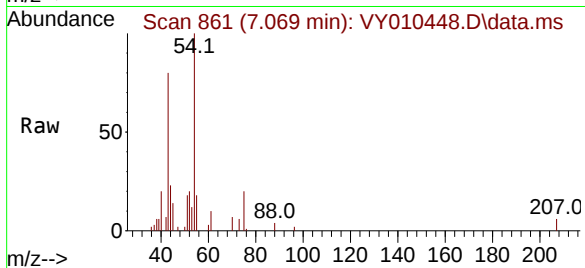
Ion	Ratio	Lower	Upper
43	100		
61	13.5	9.7	14.5
70	9.6	7.1	10.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/13/2022

Supervised By :Mahesh Dadoda 09/13/2022



#38

Carbon Tetrachloride

Concen: 4.260 ug/l

RT: 7.892 min Scan# 996

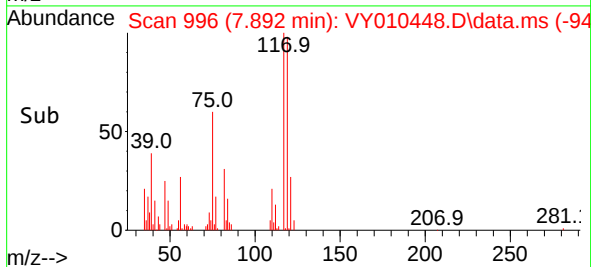
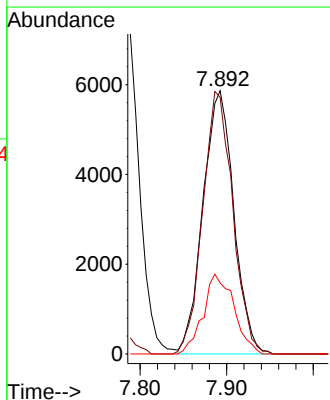
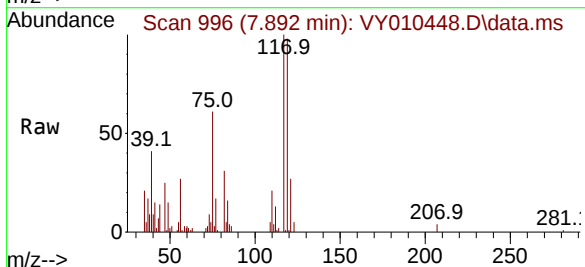
Delta R.T. -0.007 min

Lab File: VY010448.D

Acq: 12 Sep 2022 18:24

Tgt Ion:117 Resp: 14520

Ion	Ratio	Lower	Upper
117	100		
119	97.6	77.9	116.9
121	27.0	24.8	37.2





#39

Methylcyclohexane

Concen: 4.129 ug/l

RT: 9.173 min Scan# 1038

Delta R.T. -0.006 min

Lab File: VY010448.D

Acq: 12 Sep 2022 18:24

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT3-2022

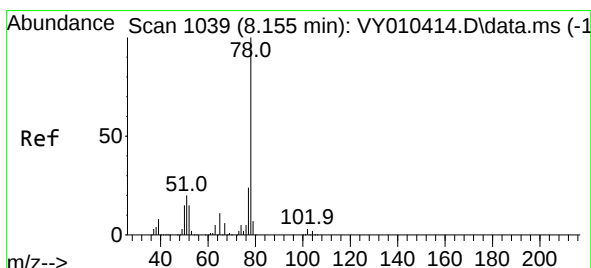
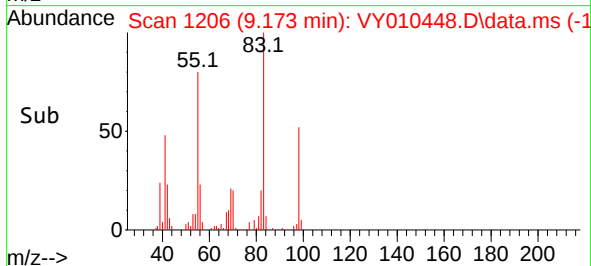
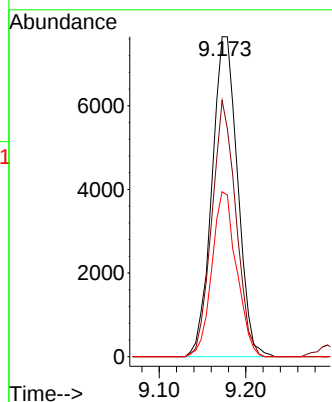
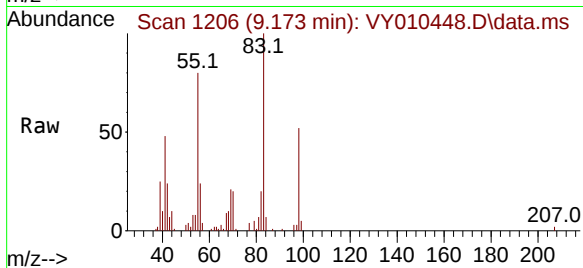
Tgt Ion: 83	Resp: 15774
Ion Ratio	Lower Upper
83 100	
55 80.1	66.5 99.7
98 51.6	37.9 56.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/13/2022

Supervised By :Mahesh Dadoda 09/13/2022



#40

Benzene

Concen: 4.559 ug/l

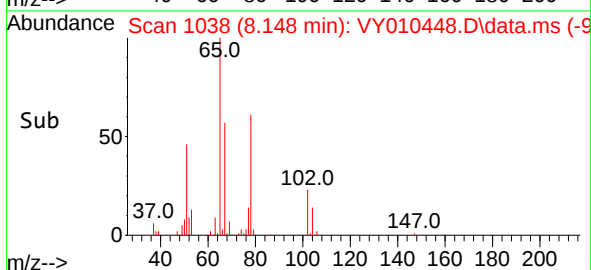
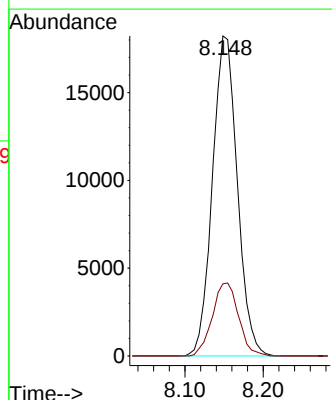
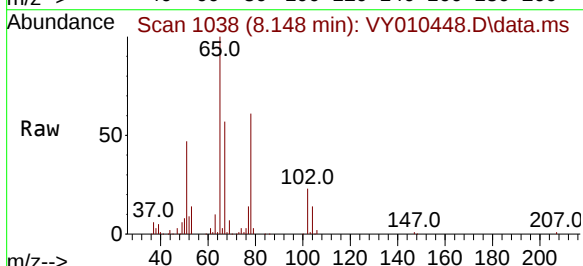
RT: 8.148 min Scan# 1038

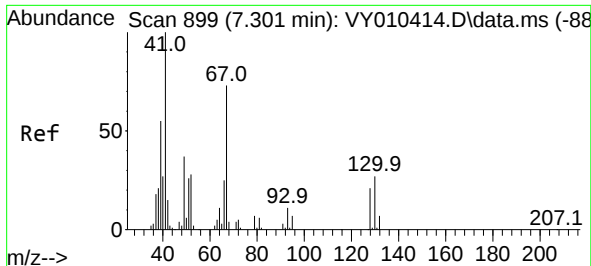
Delta R.T. -0.007 min

Lab File: VY010448.D

Acq: 12 Sep 2022 18:24

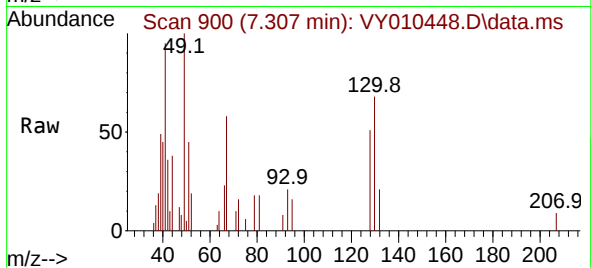
Tgt Ion: 78	Resp: 40206
Ion Ratio	Lower Upper
78 100	
77 22.6	20.4 30.6





#41
Methacrylonitrile
Concen: 4.263 ug/l m
RT: 7.307 min Scan# 900
Delta R.T. 0.006 min
Lab File: VY010448.D
Acq: 12 Sep 2022 18:24

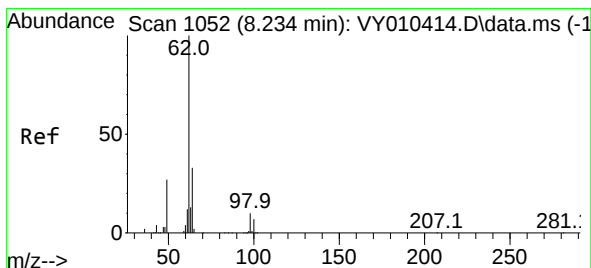
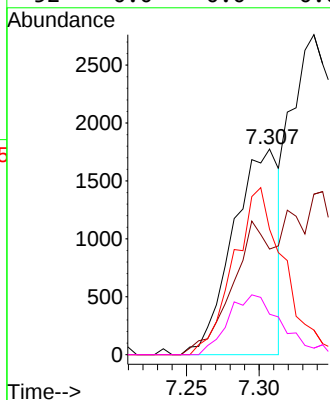
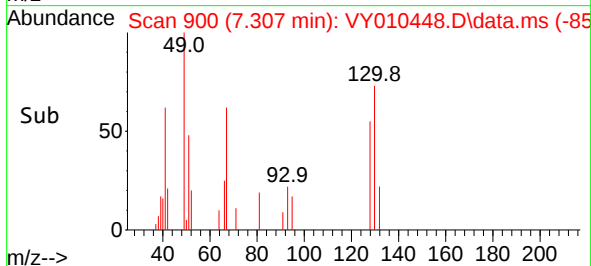
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2022



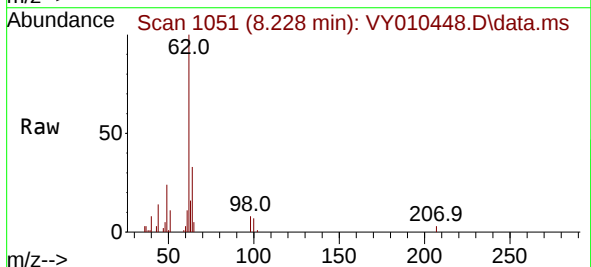
Tgt Ion: 41 Resp: 3925
Ion Ratio Lower Upper
41 100
39 95.8 92.9 139.3
67 0.0 0.0 0.0
52 0.0 0.0 0.0

Manual Integrations
APPROVED

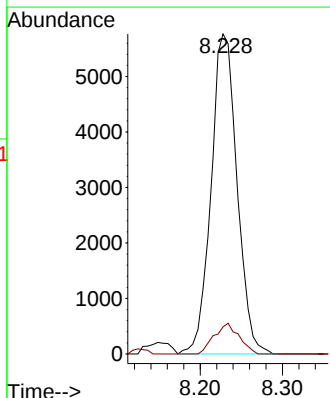
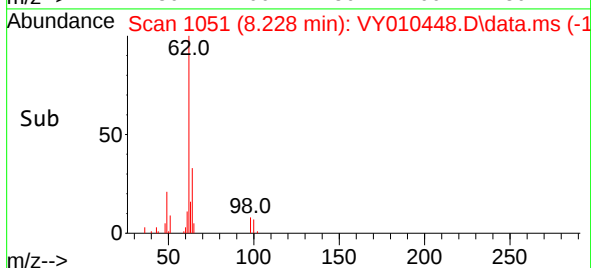
Reviewed By :Krupa Patel 09/13/2022
Supervised By :Mahesh Dadoda 09/13/2022

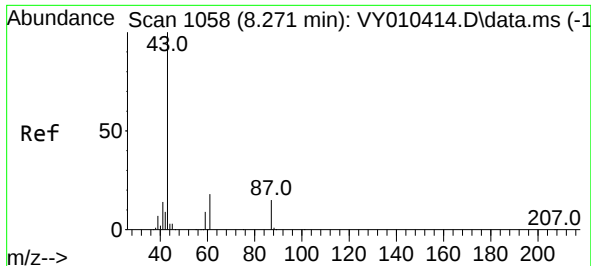


#42
1,2-Dichloroethane
Concen: 4.831 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.006 min
Lab File: VY010448.D
Acq: 12 Sep 2022 18:24



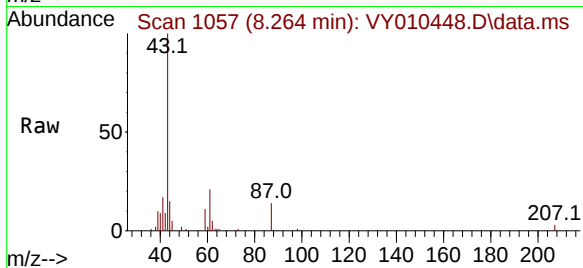
Tgt Ion: 62 Resp: 12671
Ion Ratio Lower Upper
62 100
98 9.1 0.0 14.8





#43
Isopropyl Acetate
Concen: 4.748 ug/l
RT: 8.264 min Scan# 1057
Delta R.T. -0.007 min
Lab File: VY010448.D
Acq: 12 Sep 2022 18:24

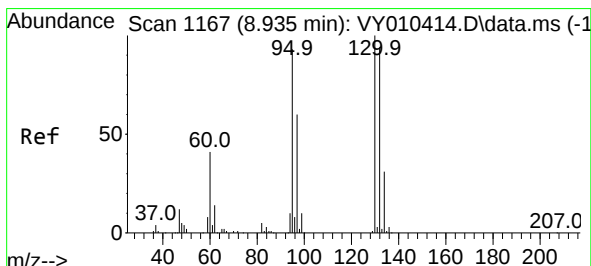
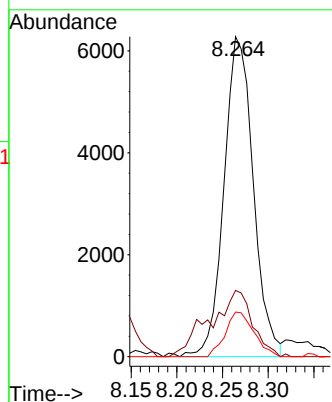
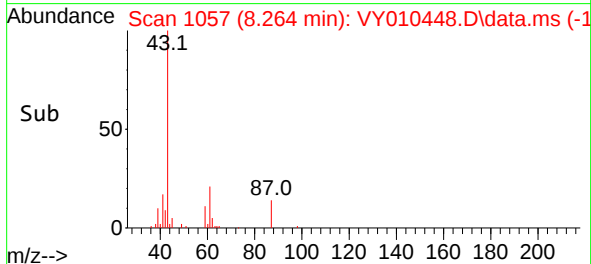
Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT3-2022



Tgt Ion: 43 Resp: 1399
Ion Ratio Lower Upper
43 100
61 30.2 20.2 30.2
87 13.6 8.9 13.3

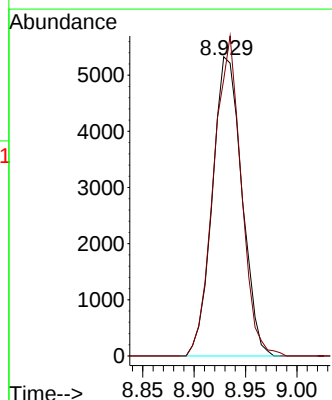
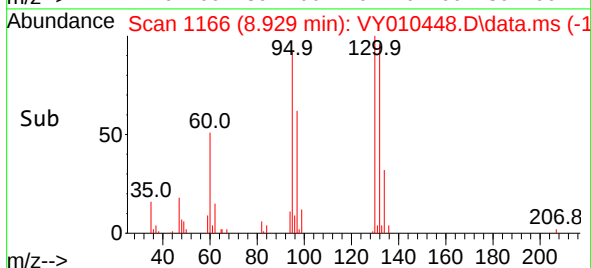
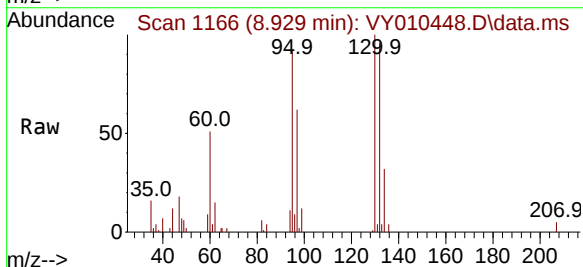
Manual Integrations
APPROVED

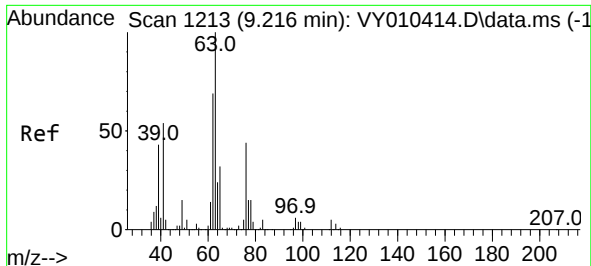
Reviewed By :Krupa Patel 09/13/2022
Supervised By :Mahesh Dadoda 09/13/2022



#44
Trichloroethene
Concen: 4.090 ug/l
RT: 8.929 min Scan# 1166
Delta R.T. -0.006 min
Lab File: VY010448.D
Acq: 12 Sep 2022 18:24

Tgt Ion:130 Resp: 10618
Ion Ratio Lower Upper
130 100
95 92.4 0.0 188.2





#45

1,2-Dichloropropane

Concen: 4.596 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. -0.007 min

Lab File: VY010448.D

Acq: 12 Sep 2022 18:24

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT3-2022

Tgt Ion: 63 Resp: 988

Ion Ratio Lower Upper

63 100

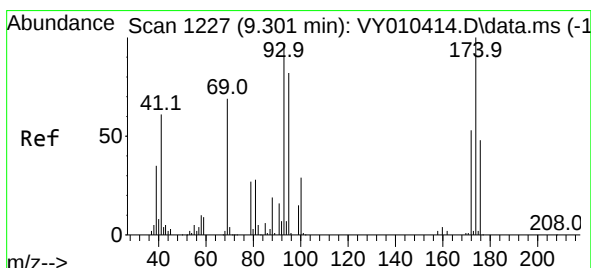
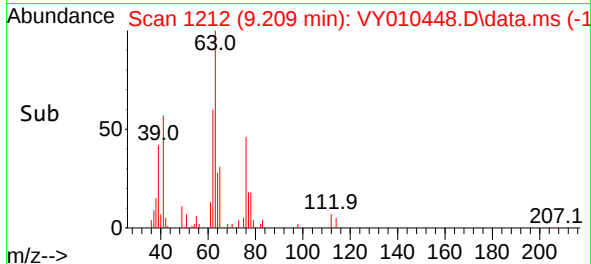
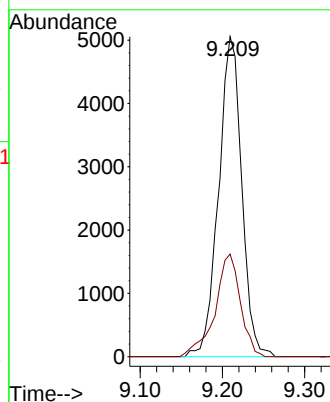
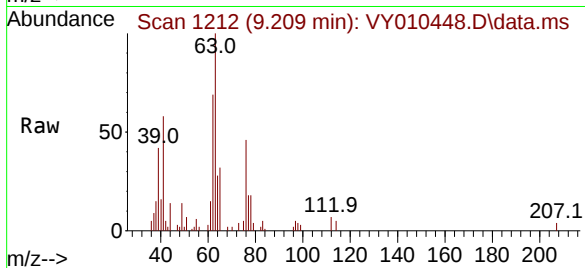
65 32.0 23.0 34.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/13/2022

Supervised By :Mahesh Dadoda 09/13/2022



#46

Dibromomethane

Concen: 4.569 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.006 min

Lab File: VY010448.D

Acq: 12 Sep 2022 18:24

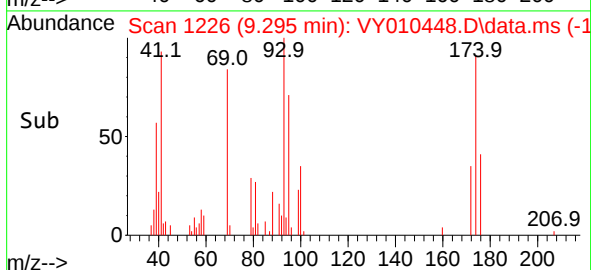
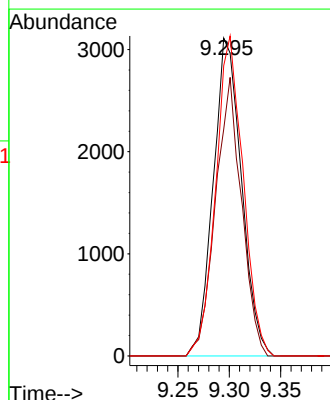
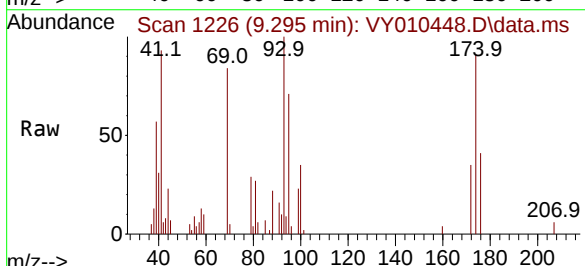
Tgt Ion: 93 Resp: 5926

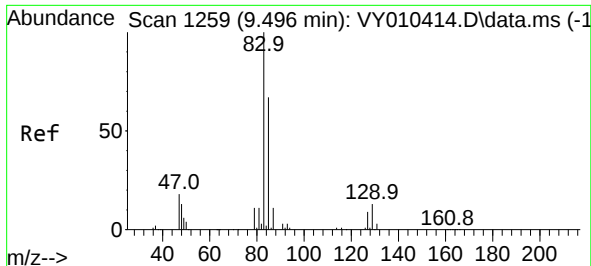
Ion Ratio Lower Upper

93 100

95 81.1 64.3 96.5

174 97.7 83.4 125.0





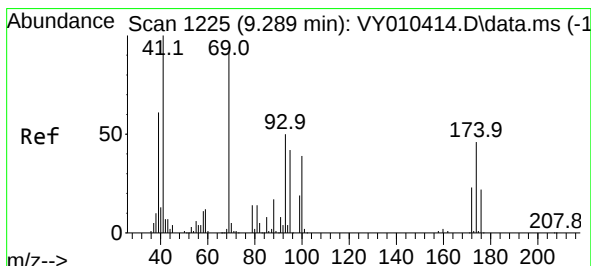
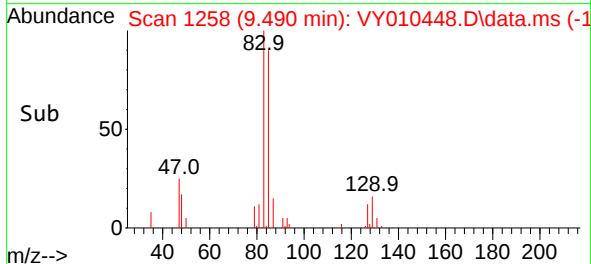
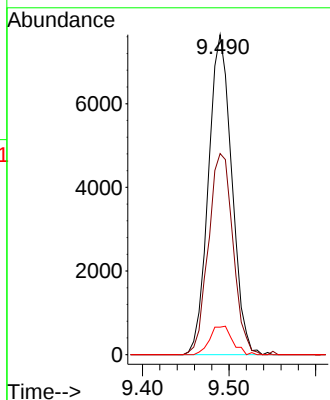
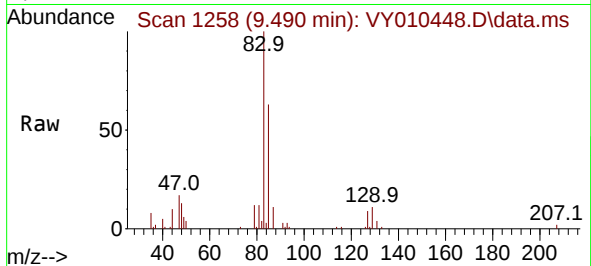
#47
Bromodichloromethane
Concen: 4.656 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VY010448.D
Acq: 12 Sep 2022 18:24

Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT3-2022

Tgt Ion: 83 Resp: 1434
Ion Ratio Lower Upper
83 100
85 62.9 51.9 77.9
127 8.6 6.6 10.0

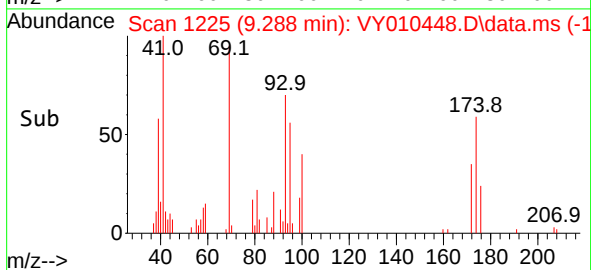
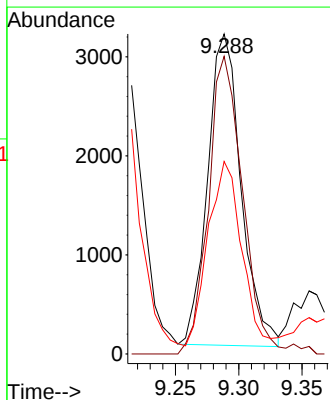
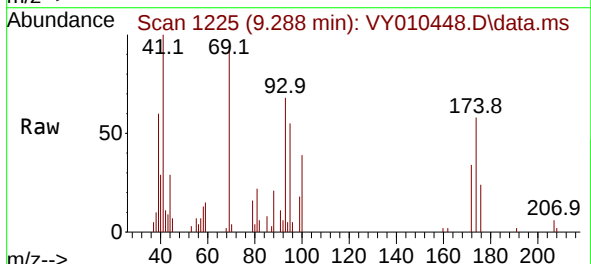
Manual Integrations
APPROVED

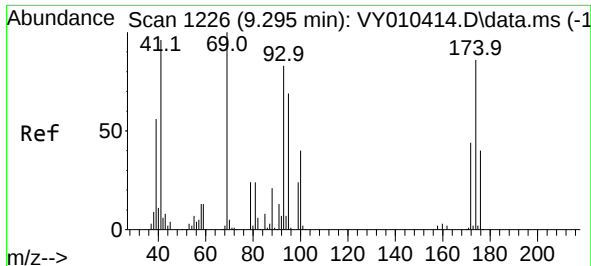
Reviewed By :Krupa Patel 09/13/2022
Supervised By :Mahesh Dadoda 09/13/2022



#48
Methyl methacrylate
Concen: 4.376 ug/l
RT: 9.288 min Scan# 1225
Delta R.T. -0.001 min
Lab File: VY010448.D
Acq: 12 Sep 2022 18:24

Tgt Ion: 41 Resp: 5793
Ion Ratio Lower Upper
41 100
69 97.2 58.2 87.2#
39 64.3 47.4 71.0





#49

1,4-Dioxane

Concen: 94.524 ug/l

RT: 9.288 min Scan# 11

Delta R.T. -0.007 min

Lab File: VY010448.D

Acq: 12 Sep 2022 18:24

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT3-2022

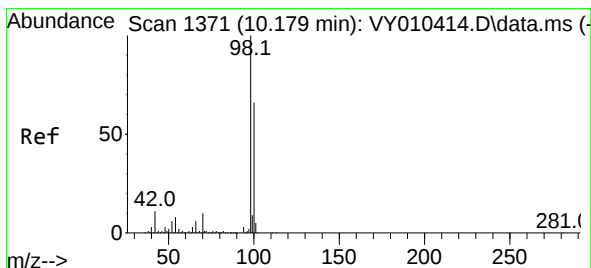
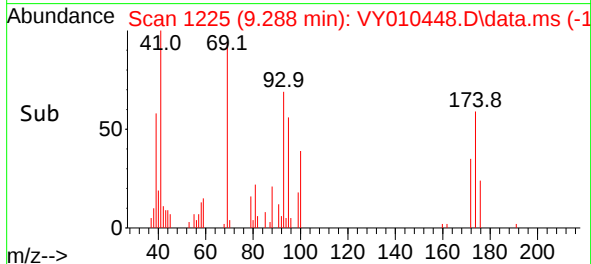
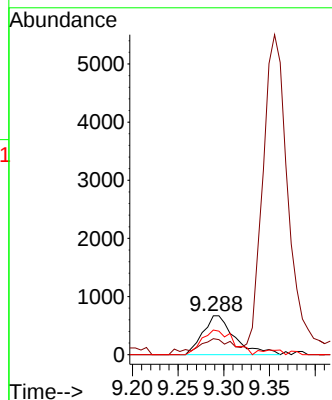
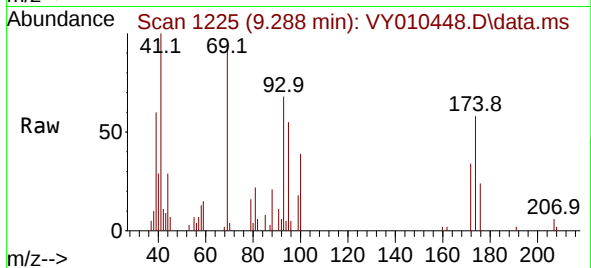
Tgt Ion:	88	Resp:	162
Ion	Ratio	Lower	Upper
88	100		
43	45.9	32.8	49.2
58	61.3	59.8	89.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/13/2022

Supervised By :Mahesh Dadoda 09/13/2022



#50

Toluene-d8

Concen: 57.357 ug/l

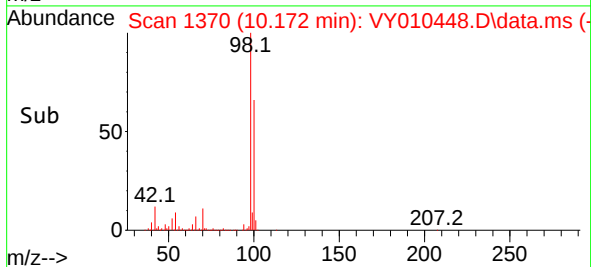
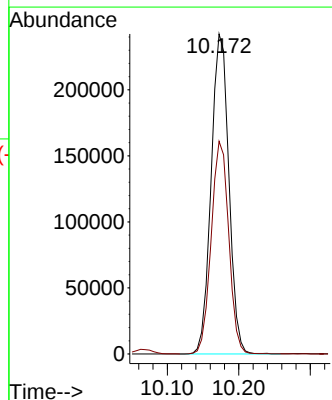
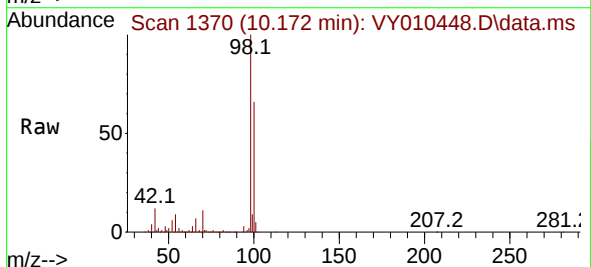
RT: 10.172 min Scan# 1370

Delta R.T. -0.007 min

Lab File: VY010448.D

Acq: 12 Sep 2022 18:24

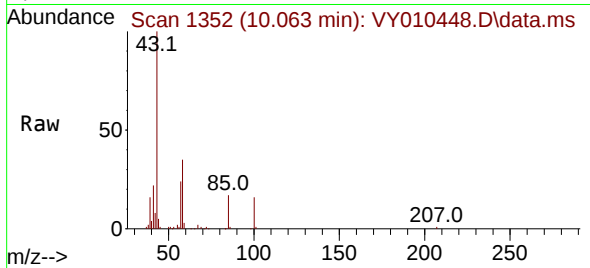
Tgt Ion:	98	Resp:	415997
Ion	Ratio	Lower	Upper
98	100		
100	65.9	50.2	75.2





#51
4-Methyl-2-Pentanone
Concen: 24.113 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. -0.006 min
Lab File: VY010448.D
Acq: 12 Sep 2022 18:24

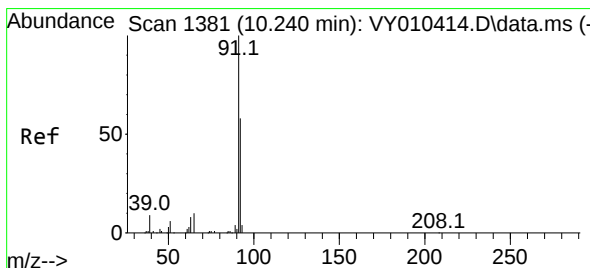
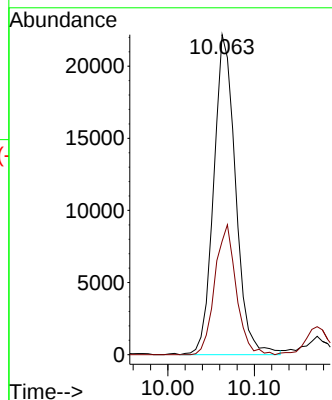
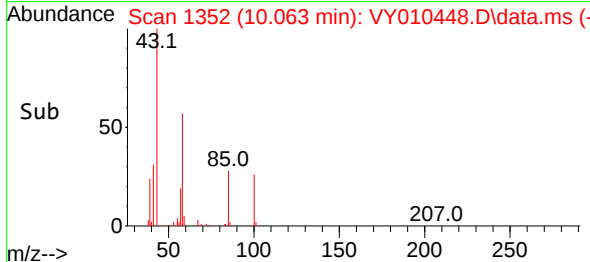
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2022



Tgt Ion: 43 Resp: 3898
Ion Ratio Lower Upper
43 100
58 39.5 28.1 42.1

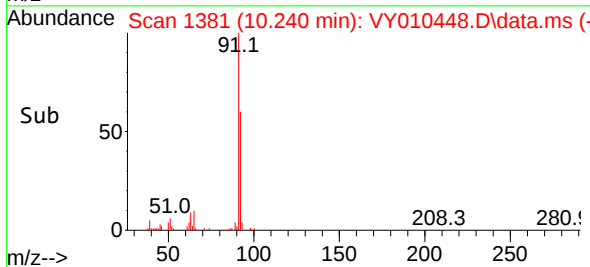
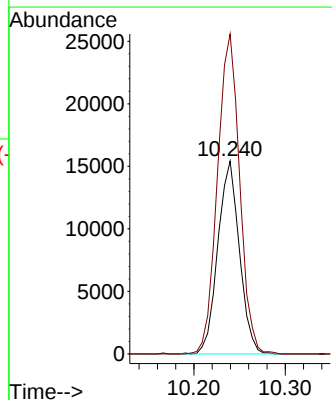
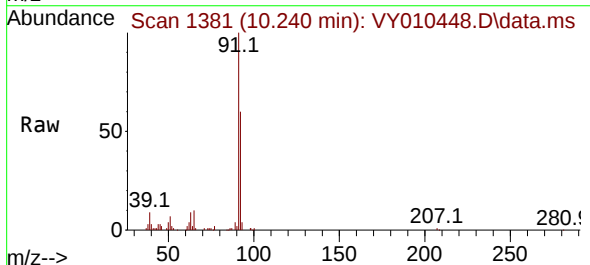
Manual Integrations
APPROVED

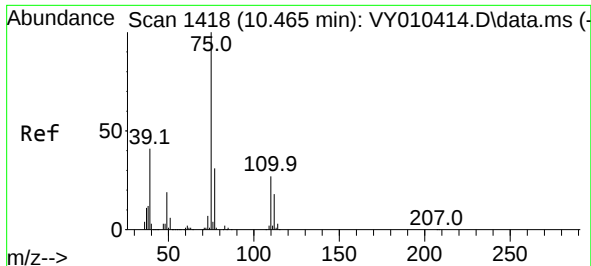
Reviewed By :Krupa Patel 09/13/2022
Supervised By :Mahesh Dadoda 09/13/2022



#52
Toluene
Concen: 4.379 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY010448.D
Acq: 12 Sep 2022 18:24

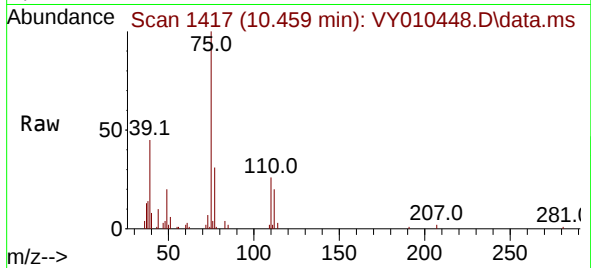
Tgt Ion: 92 Resp: 25275
Ion Ratio Lower Upper
92 100
91 170.7 142.6 213.8





#53
t-1,3-Dichloropropene
Concen: 4.470 ug/l
RT: 10.459 min Scan# 1417
Delta R.T. -0.006 min
Lab File: VY010448.D
Acq: 12 Sep 2022 18:24

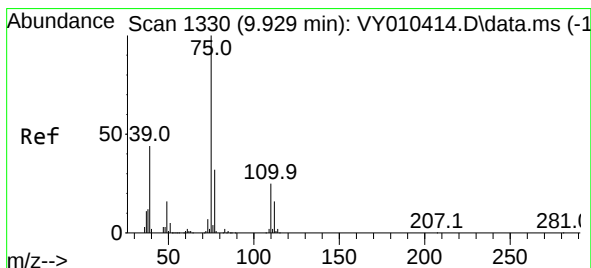
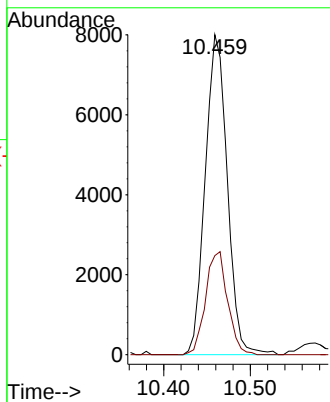
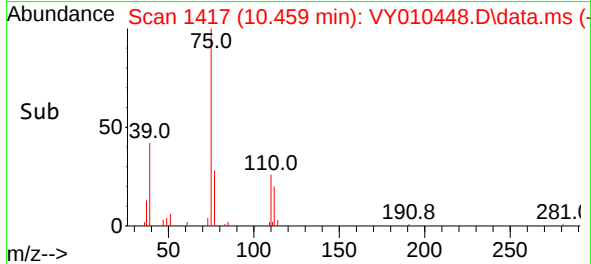
Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT3-2022



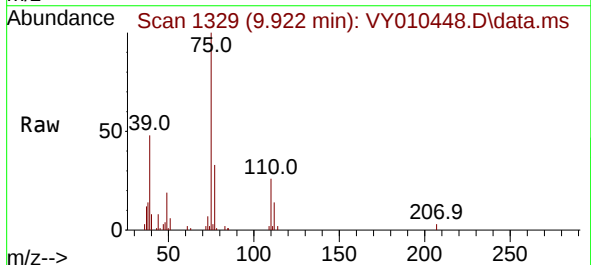
Tgt Ion: 75 Resp: 14174
Ion Ratio Lower Upper
75 100
77 30.9 25.4 38.2

Manual Integrations
APPROVED

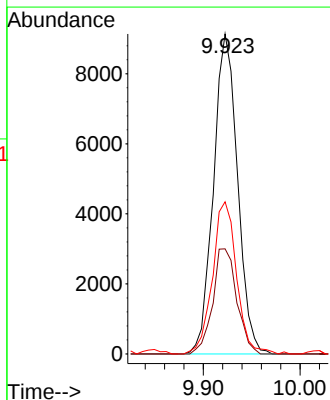
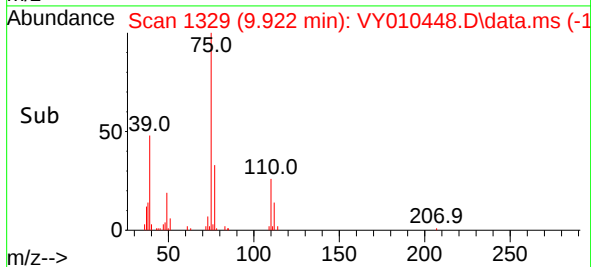
Reviewed By :Krupa Patel 09/13/2022
Supervised By :Mahesh Dadoda 09/13/2022

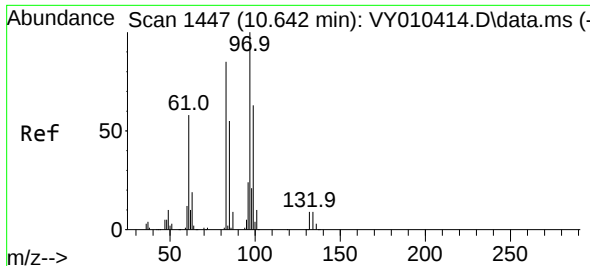


#54
cis-1,3-Dichloropropene
Concen: 4.410 ug/l
RT: 9.922 min Scan# 1329
Delta R.T. -0.007 min
Lab File: VY010448.D
Acq: 12 Sep 2022 18:24



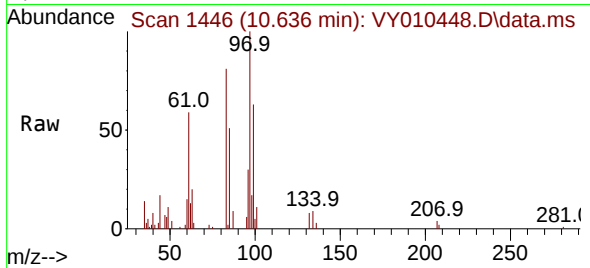
Tgt Ion: 75 Resp: 15770
Ion Ratio Lower Upper
75 100
77 32.9 25.6 38.4
39 47.5 47.6 71.4#





#55
1,1,2-Trichloroethane
Concen: 4.531 ug/l
RT: 10.636 min Scan# 1446
Delta R.T. -0.006 min
Lab File: VY010448.D
Acq: 12 Sep 2022 18:24

Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT3-2022

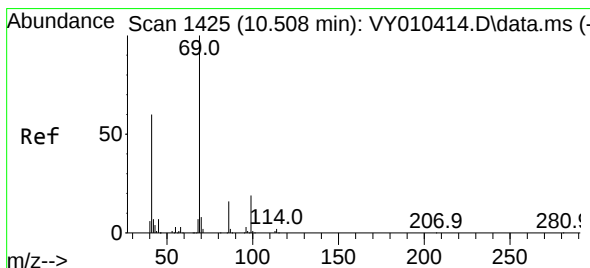
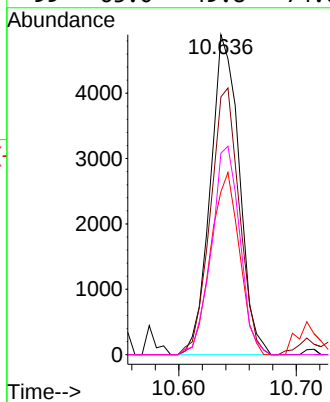
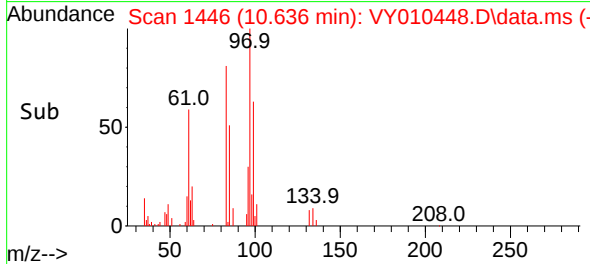


Tgt Ion: 97 Resp: 836

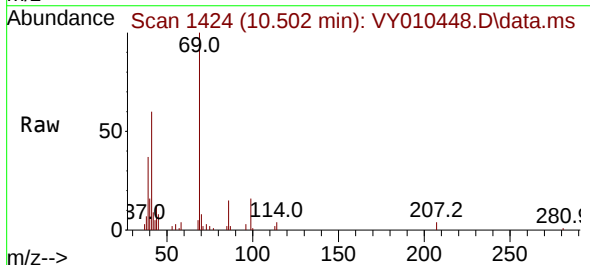
Ion	Ratio	Lower	Upper
97	100		
83	80.6	69.8	104.8
85	50.9	44.3	66.5
99	63.0	49.8	74.6

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 09/13/2022
Supervised By :Mahesh Dadoda 09/13/2022

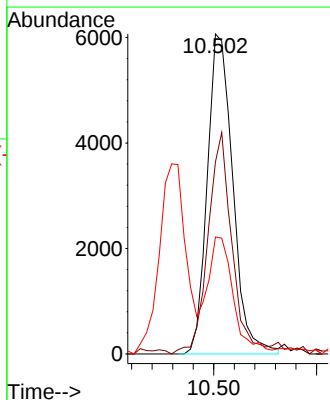
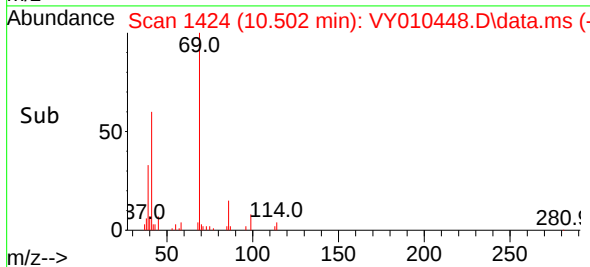


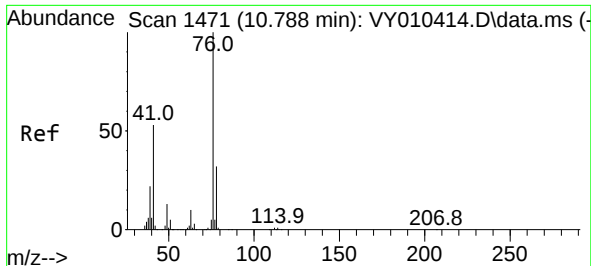
#56
Ethyl methacrylate
Concen: 4.321 ug/l
RT: 10.502 min Scan# 1424
Delta R.T. -0.006 min
Lab File: VY010448.D
Acq: 12 Sep 2022 18:24



Tgt Ion: 69 Resp: 10470

Ion	Ratio	Lower	Upper
69	100		
41	64.4	63.4	95.0
39	35.2	35.8	53.8





#57

1,3-Dichloropropane

Concen: 4.759 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY010448.D

Acq: 12 Sep 2022 18:24

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT3-2022

Tgt Ion: 76 Resp: 14600

Ion Ratio Lower Upper

76 100

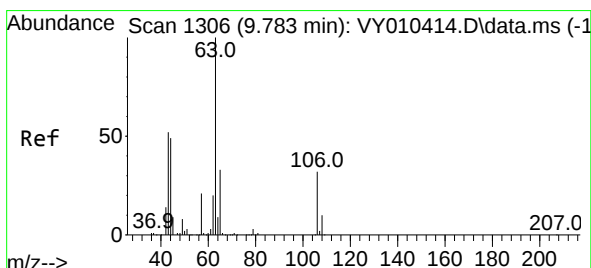
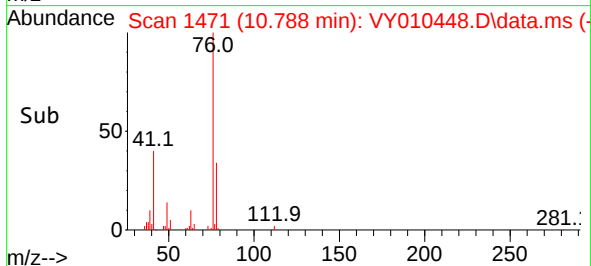
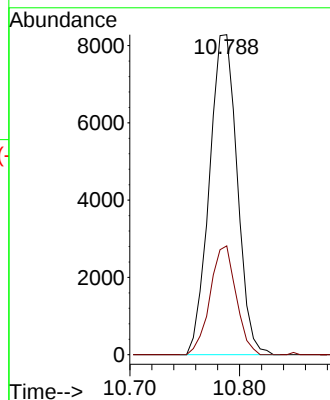
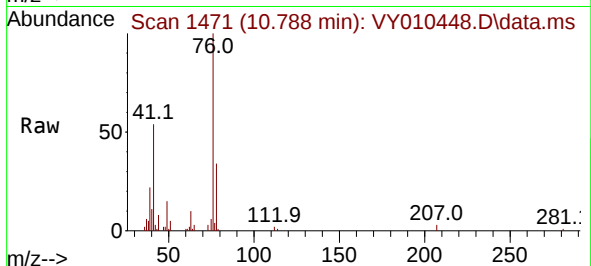
78 31.8 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/13/2022

Supervised By :Mahesh Dadoda 09/13/2022



#58

2-Chloroethyl Vinyl ether

Concen: 32.442 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.007 min

Lab File: VY010448.D

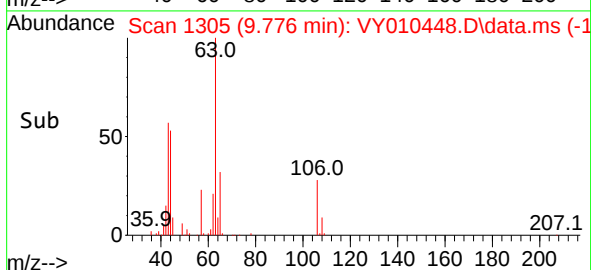
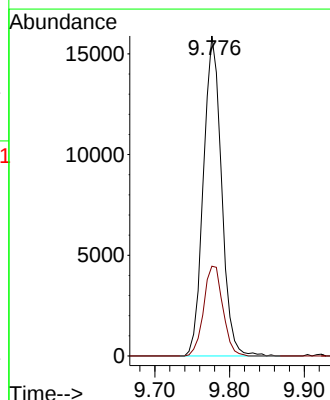
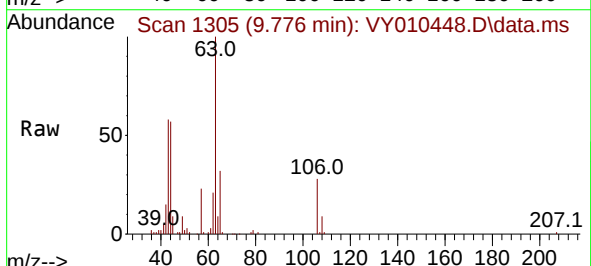
Acq: 12 Sep 2022 18:24

Tgt Ion: 63 Resp: 26743

Ion Ratio Lower Upper

63 100

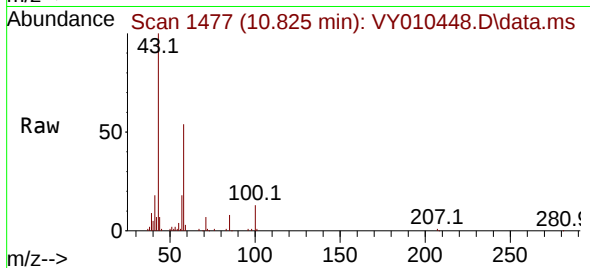
106 29.7 21.5 32.3





#59
2-Hexanone
Concen: 23.438 ug/l
RT: 10.825 min Scan# 1477
Delta R.T. -0.006 min
Lab File: VY010448.D
Acq: 12 Sep 2022 18:24

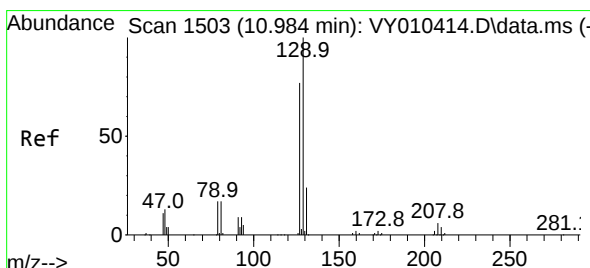
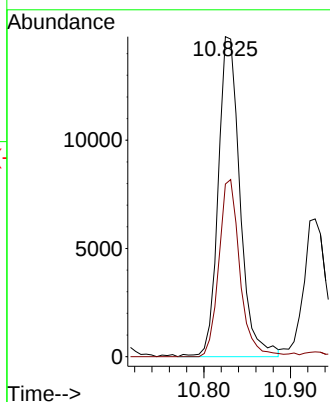
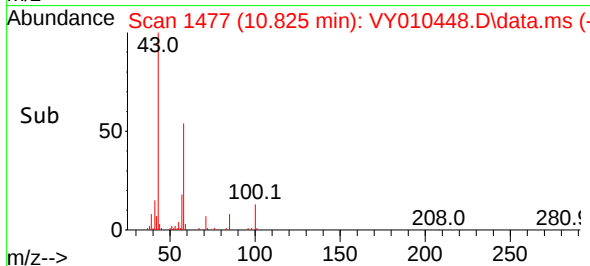
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2022



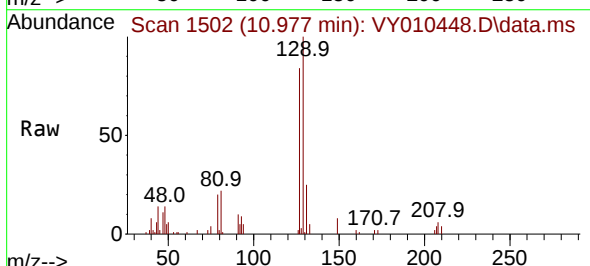
Tgt Ion: 43 Resp: 25829
Ion Ratio Lower Upper
43 100
58 53.3 24.4 73.4

Manual Integrations
APPROVED

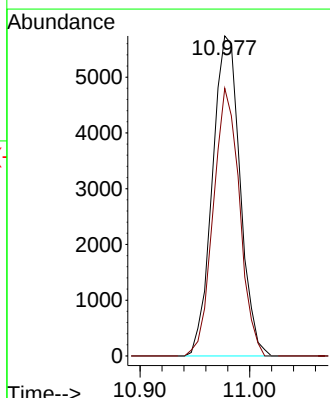
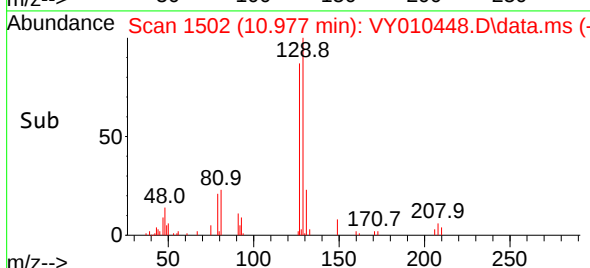
Reviewed By :Krupa Patel 09/13/2022
Supervised By :Mahesh Dadoda 09/13/2022

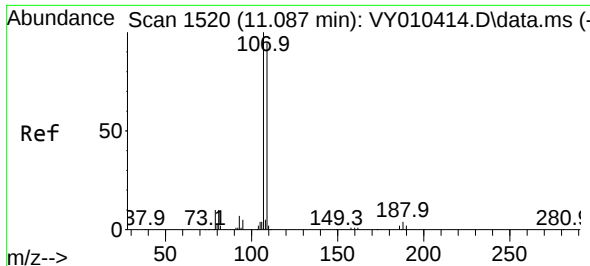


#60
Dibromochloromethane
Concen: 4.467 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. -0.007 min
Lab File: VY010448.D
Acq: 12 Sep 2022 18:24



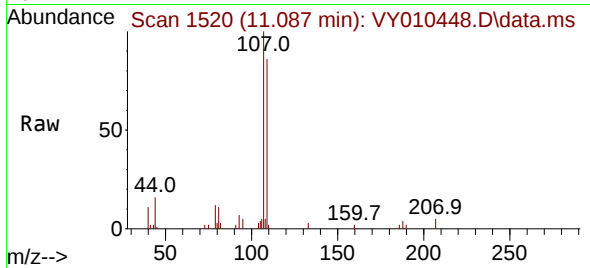
Tgt Ion:129 Resp: 10071
Ion Ratio Lower Upper
129 100
127 79.2 38.7 116.1





#61
1,2-Dibromoethane
Concen: 4.462 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY010448.D
Acq: 12 Sep 2022 18:24

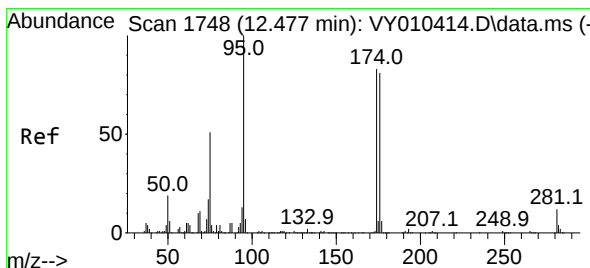
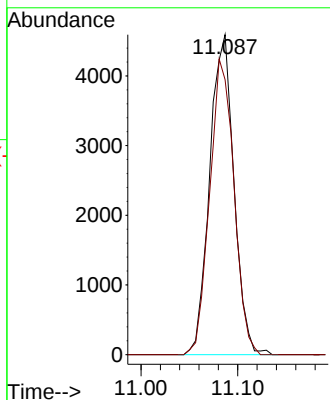
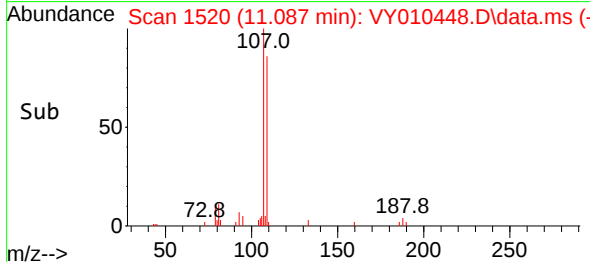
Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT3-2022



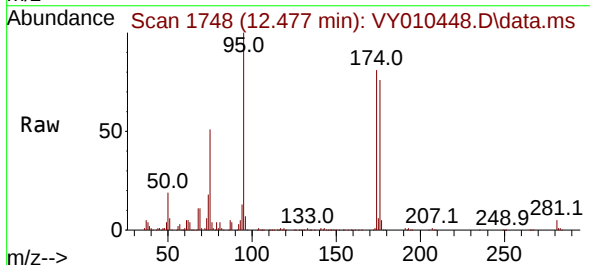
Tgt Ion: 107 Resp: 7992
Ion Ratio Lower Upper
107 100
109 92.4 75.4 113.2

Manual Integrations
APPROVED

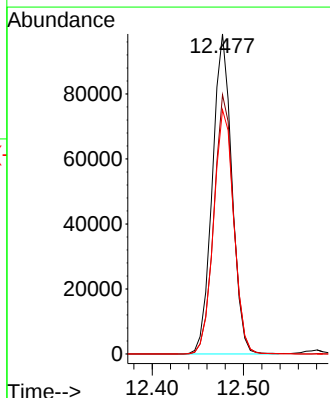
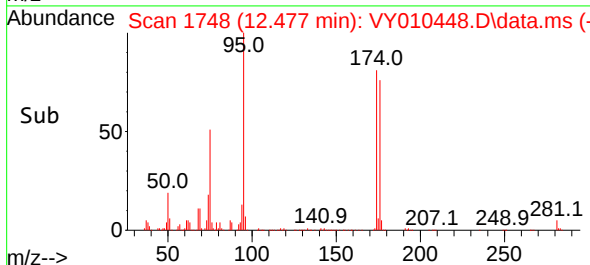
Reviewed By :Krupa Patel 09/13/2022
Supervised By :Mahesh Dadoda 09/13/2022

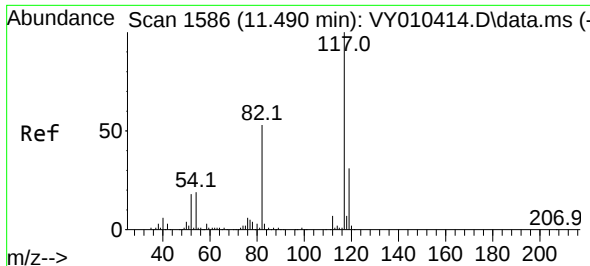


#62
4-Bromofluorobenzene
Concen: 43.828 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY010448.D
Acq: 12 Sep 2022 18:24



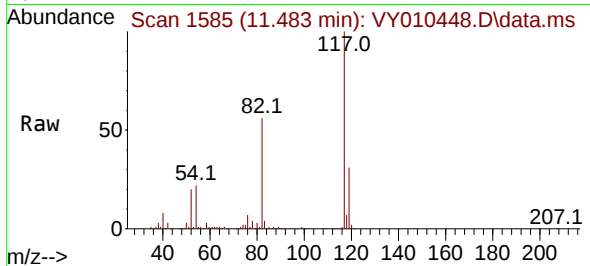
Tgt Ion: 95 Resp: 145869
Ion Ratio Lower Upper
95 100
174 81.4 0.0 177.0
176 79.0 0.0 175.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.007 min
Lab File: VY010448.D
Acq: 12 Sep 2022 18:24

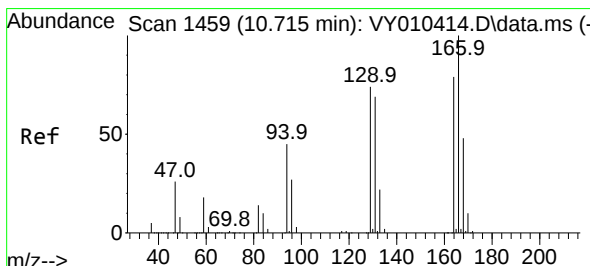
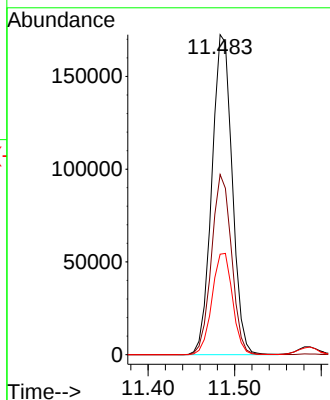
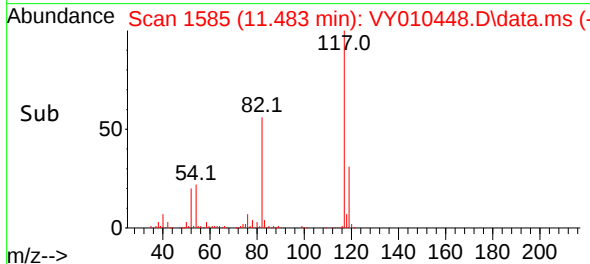
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2022



Tgt Ion:117 Resp: 281552
Ion Ratio Lower Upper
117 100
82 56.3 43.0 64.4
119 31.4 25.4 38.0

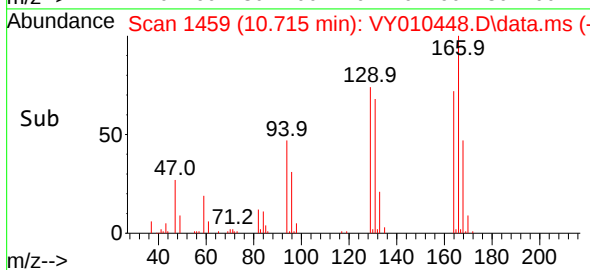
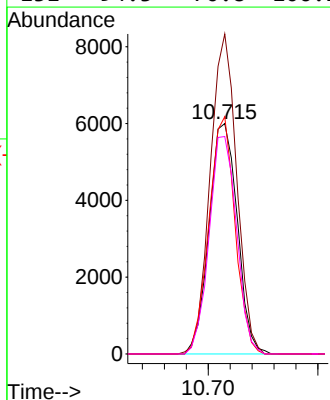
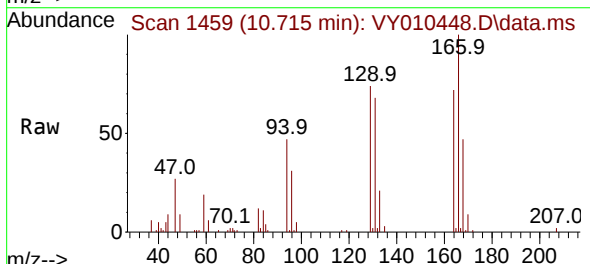
Manual Integrations
APPROVED

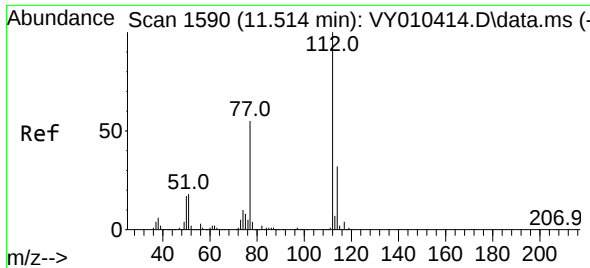
Reviewed By :Krupa Patel 09/13/2022
Supervised By :Mahesh Dadoda 09/13/2022



#64
Tetrachloroethene
Concen: 4.235 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY010448.D
Acq: 12 Sep 2022 18:24

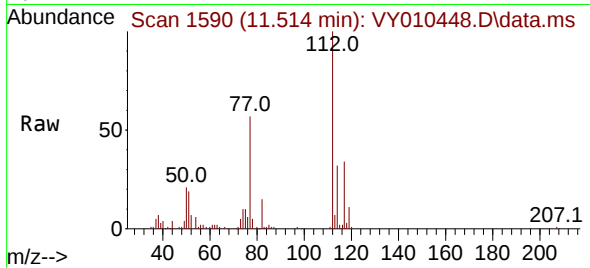
Tgt Ion:164 Resp: 10747
Ion Ratio Lower Upper
164 100
166 138.9 100.4 150.6
129 103.0 71.4 107.0
131 94.3 70.8 106.2





#65
Chlorobenzene
Concen: 4.387 ug/l
RT: 11.514 min Scan# 1150
Delta R.T. -0.000 min
Lab File: VY010448.D
Acq: 12 Sep 2022 18:24

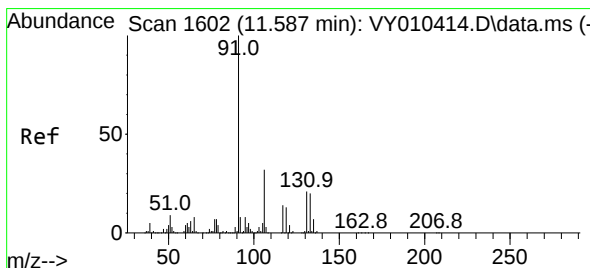
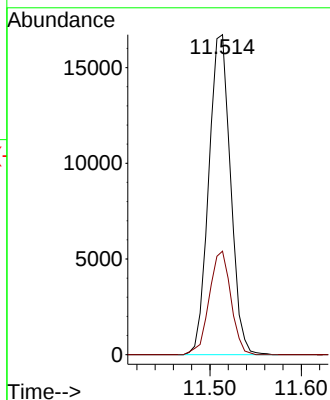
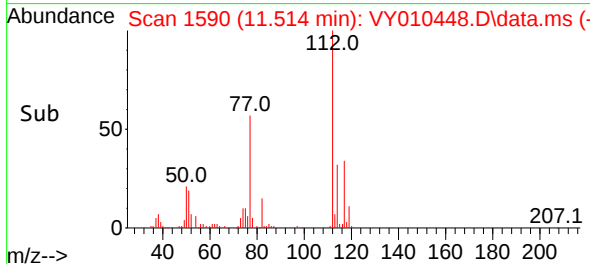
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2022



Tgt Ion:112 Resp: 2762
Ion Ratio Lower Upper
112 100
114 32.3 25.8 38.6

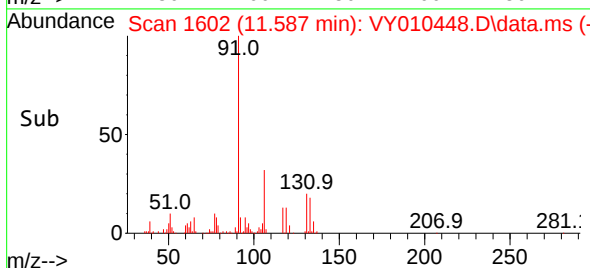
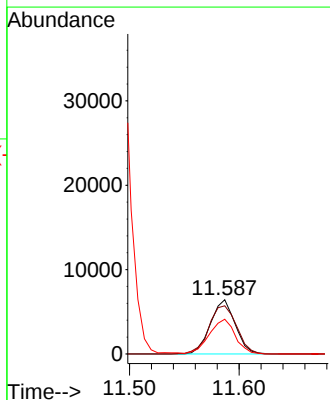
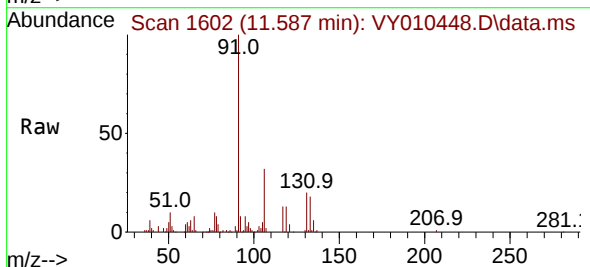
Manual Integrations
APPROVED

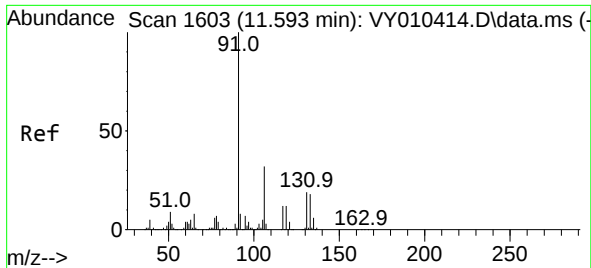
Reviewed By :Krupa Patel 09/13/2022
Supervised By :Mahesh Dadoda 09/13/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 4.321 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY010448.D
Acq: 12 Sep 2022 18:24

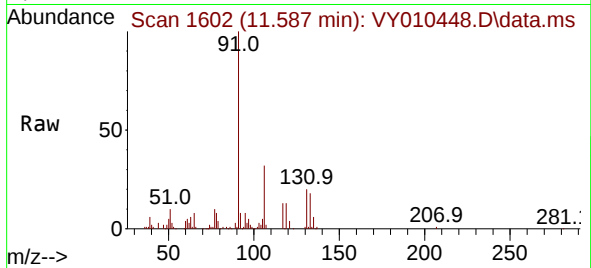
Tgt Ion:131 Resp: 10076
Ion Ratio Lower Upper
131 100
133 99.8 47.9 143.6
119 66.9 30.8 92.3





#67
Ethyl Benzene
Concen: 4.273 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY010448.D
Acq: 12 Sep 2022 18:24

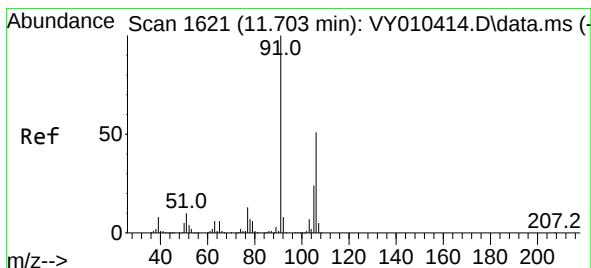
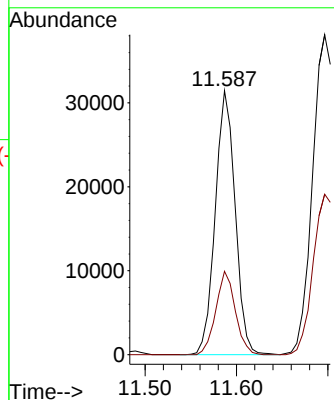
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2022



Tgt Ion: 91 Resp: 47623
Ion Ratio Lower Upper
91 100
106 31.5 24.5 36.7

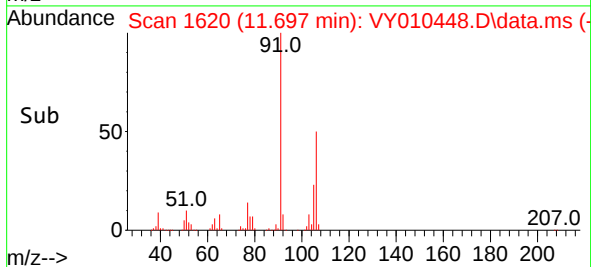
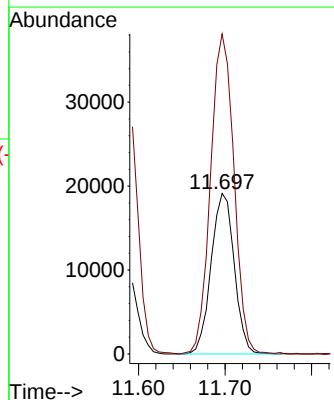
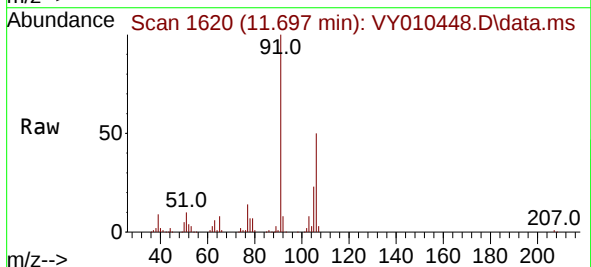
Manual Integrations
APPROVED

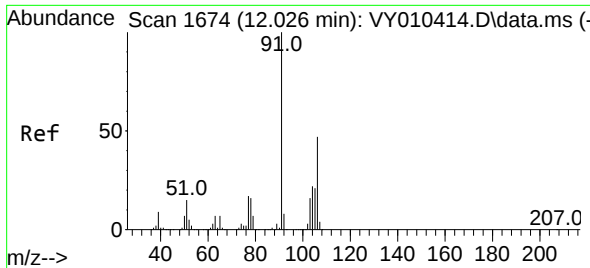
Reviewed By :Krupa Patel 09/13/2022
Supervised By :Mahesh Dadoda 09/13/2022



#68
m/p-Xylenes
Concen: 8.104 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VY010448.D
Acq: 12 Sep 2022 18:24

Tgt Ion:106 Resp: 35453
Ion Ratio Lower Upper
106 100
91 202.0 166.6 249.8





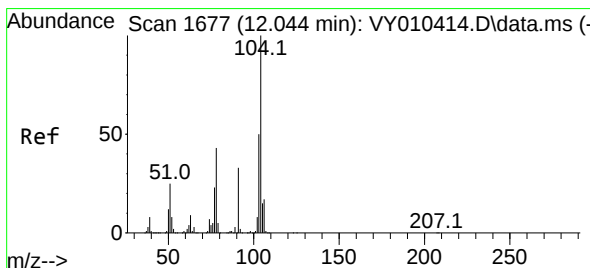
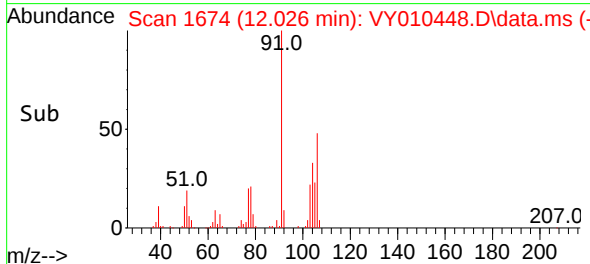
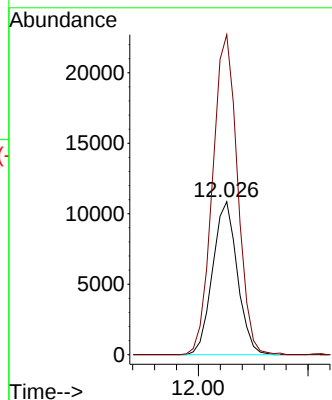
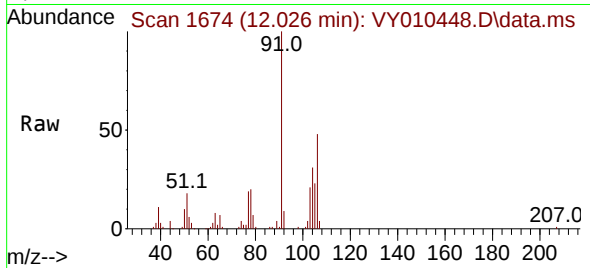
#69
o-Xylene
Concen: 4.069 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY010448.D
Acq: 12 Sep 2022 18:24

Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT3-2022

Tgt Ion:106 Resp: 17000
Ion Ratio Lower Upper
106 100
91 211.3 110.3 331.0

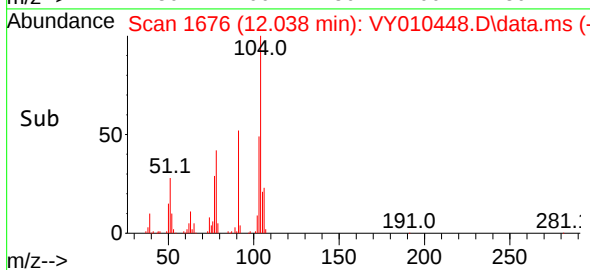
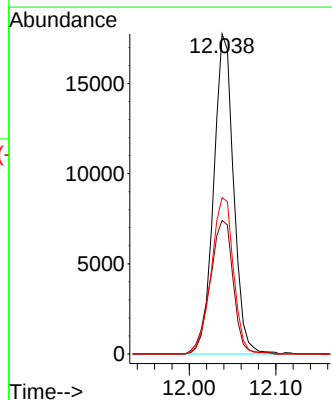
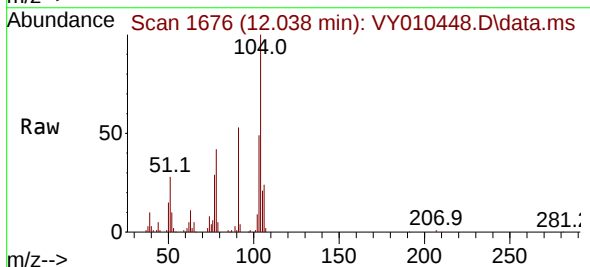
Manual Integrations
APPROVED

Reviewed By :Krupa Patel 09/13/2022
Supervised By :Mahesh Dadoda 09/13/2022



#70
Styrene
Concen: 4.012 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.006 min
Lab File: VY010448.D
Acq: 12 Sep 2022 18:24

Tgt Ion:104 Resp: 28366
Ion Ratio Lower Upper
104 100
78 48.5 42.4 63.6
103 54.4 44.4 66.6





#71

Bromoform

Concen: 4.206 ug/l

RT: 12.203 min Scan# 1703

Delta R.T. -0.006 min

Lab File: VY010448.D

Acq: 12 Sep 2022 18:24

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT3-2022

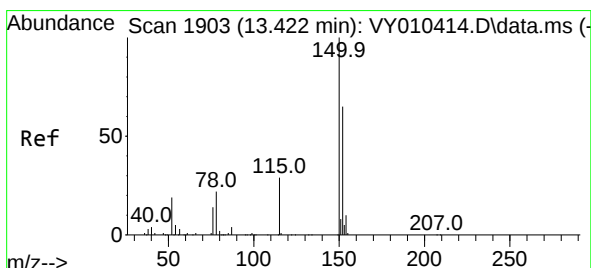
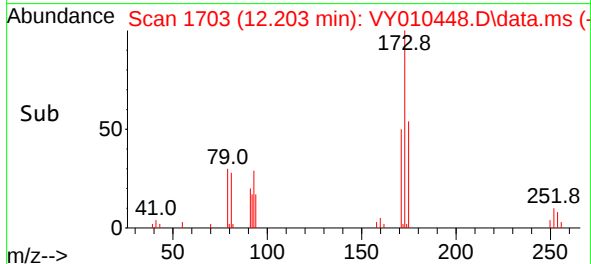
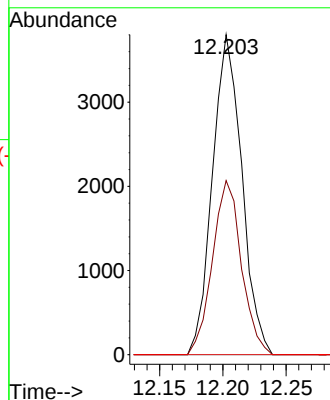
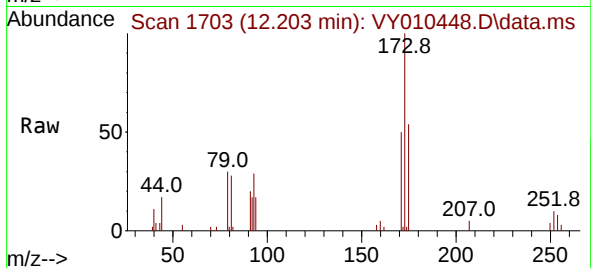
Tgt Ion:	173	Resp:	613
Ion Ratio	Lower	Upper	
173	100		
175	53.6	24.6	74.0
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/13/2022

Supervised By :Mahesh Dadoda 09/13/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

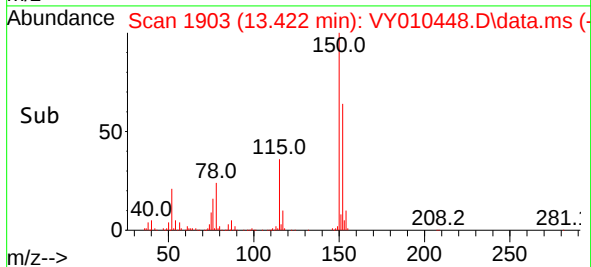
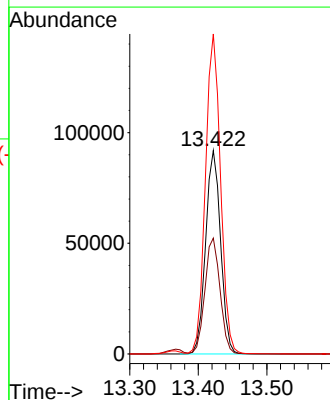
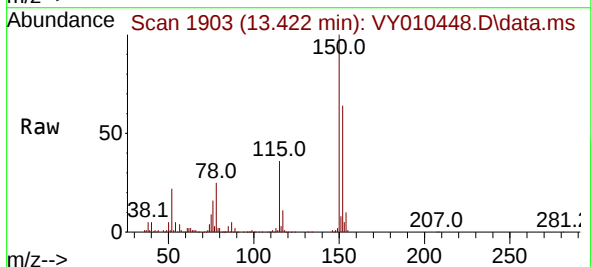
RT: 13.422 min Scan# 1903

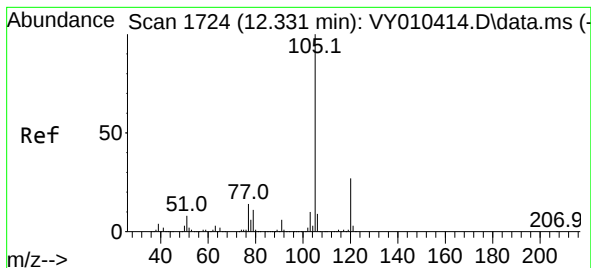
Delta R.T. -0.000 min

Lab File: VY010448.D

Acq: 12 Sep 2022 18:24

Tgt Ion:	152	Resp:	139705
Ion Ratio	Lower	Upper	
152	100		
115	57.7	28.2	84.7
150	158.8	0.0	347.6





#73

Isopropylbenzene

Concen: 4.242 ug/l

RT: 12.325 min Scan# 1723

Delta R.T. -0.006 min

Lab File: VY010448.D

Acq: 12 Sep 2022 18:24

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT3-2022

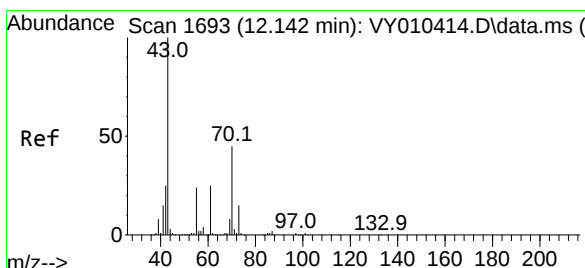
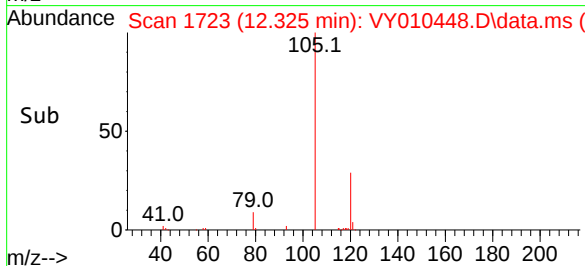
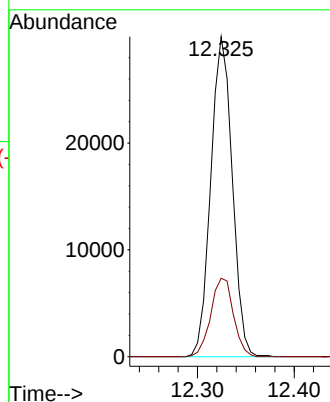
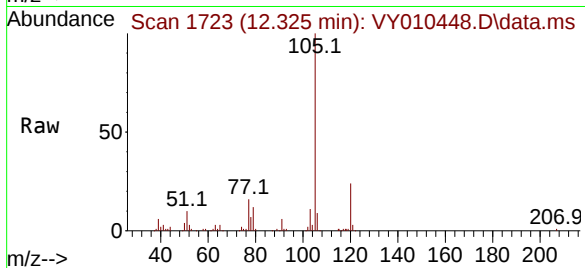
Tgt Ion:105 Resp: 46238
 Ion Ratio Lower Upper
 105 100
 120 25.8 13.4 40.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/13/2022

Supervised By :Mahesh Dadoda 09/13/2022



#74

N-ethyl acetate

Concen: 4.610 ug/l

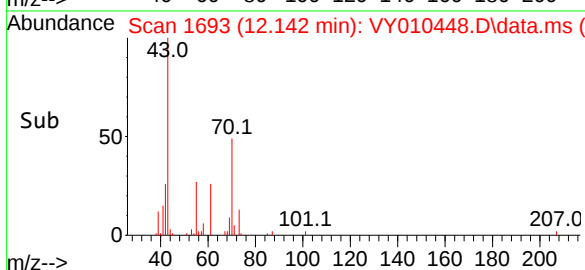
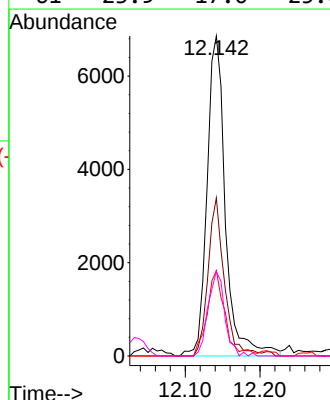
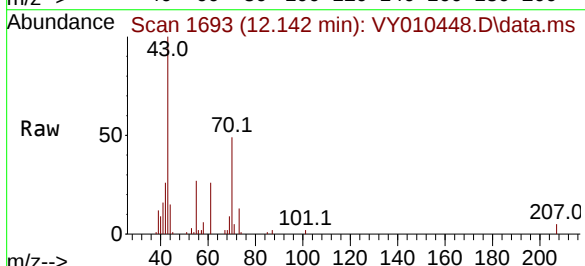
RT: 12.142 min Scan# 1693

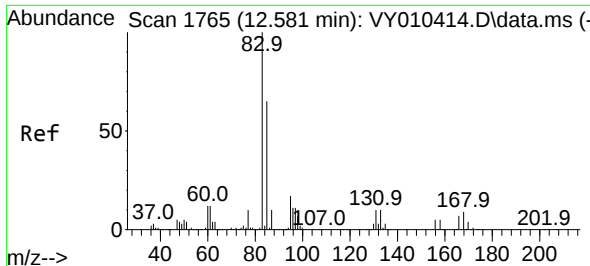
Delta R.T. -0.000 min

Lab File: VY010448.D

Acq: 12 Sep 2022 18:24

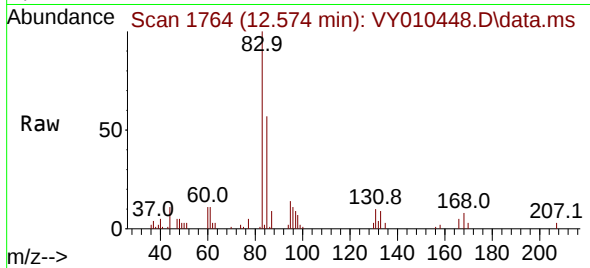
Tgt Ion: 43 Resp: 11724
 Ion Ratio Lower Upper
 43 100
 70 43.7 28.7 43.1#
 55 25.7 17.3 25.9
 61 23.9 17.0 25.6





#75
1,1,2,2-Tetrachloroethane
Concen: 5.125 ug/l
RT: 12.574 min Scan# 1764
Delta R.T. -0.007 min
Lab File: VY010448.D
Acq: 12 Sep 2022 18:24

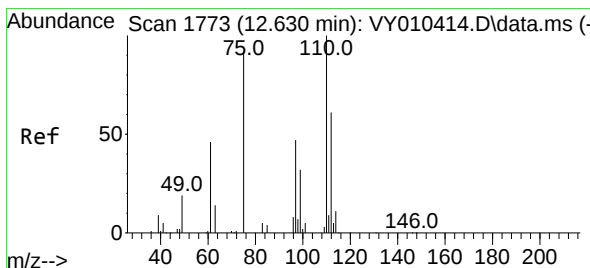
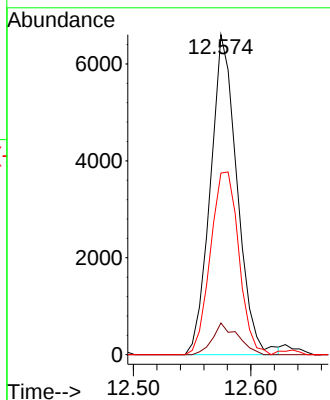
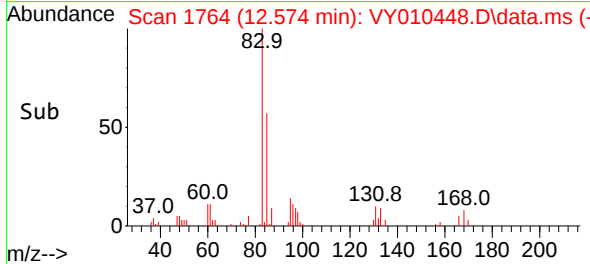
Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT3-2022



Tgt Ion: 83 Resp: 10450
Ion Ratio Lower Upper
83 100
131 9.4 5.6 16.8
85 60.6 32.3 96.8

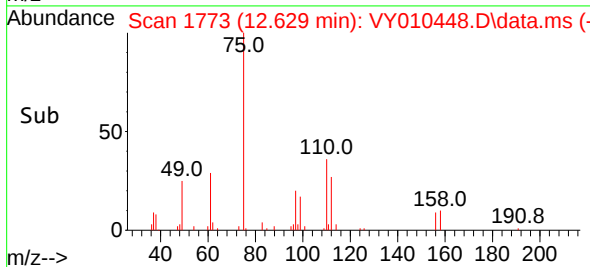
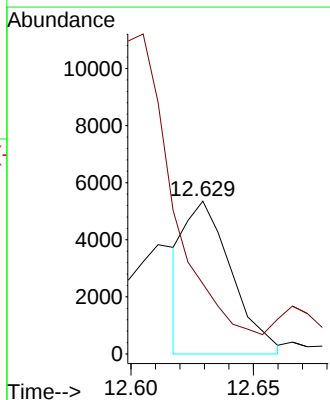
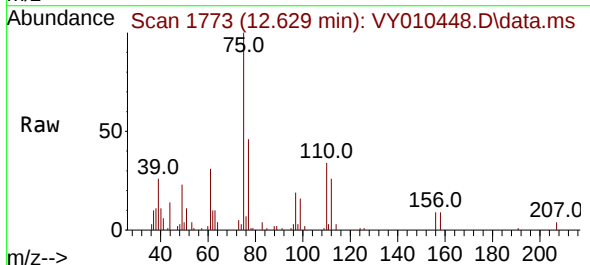
Manual Integrations
APPROVED

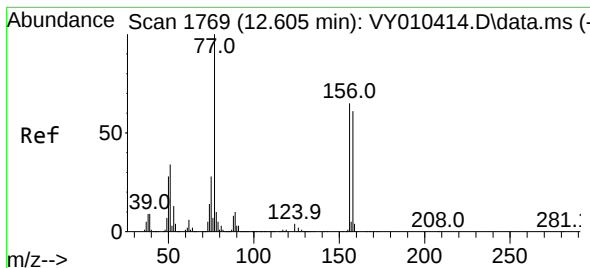
Reviewed By :Krupa Patel 09/13/2022
Supervised By :Mahesh Dadoda 09/13/2022



#76
1,2,3-Trichloropropane
Concen: 4.626 ug/l m
RT: 12.629 min Scan# 1773
Delta R.T. -0.001 min
Lab File: VY010448.D
Acq: 12 Sep 2022 18:24

Tgt Ion: 75 Resp: 7133
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 4.326 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY010448.D

Acq: 12 Sep 2022 18:24

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT3-2022

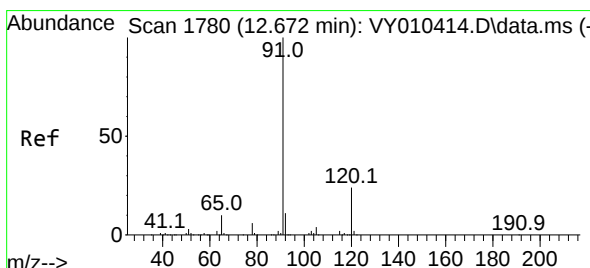
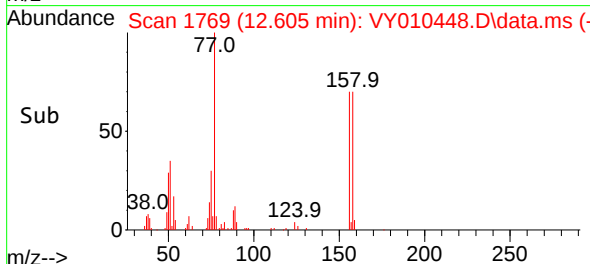
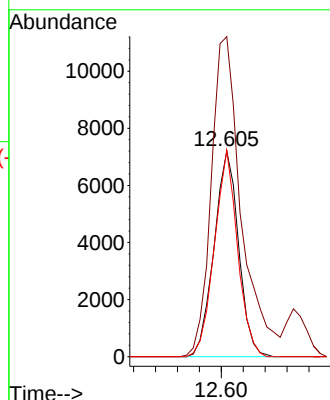
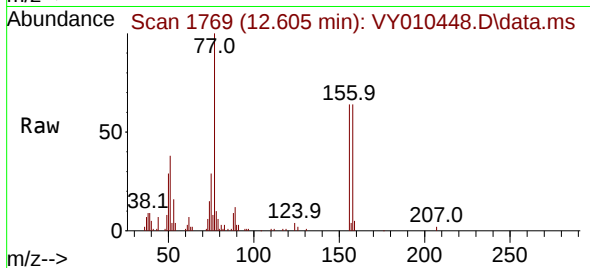
Tgt Ion:	156	Resp:	11174
Ion Ratio	Lower	Upper	
156	100		
77	191.0	95.5	286.4
158	94.9	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/13/2022

Supervised By :Mahesh Dadoda 09/13/2022



#78

n-propylbenzene

Concen: 4.343 ug/l

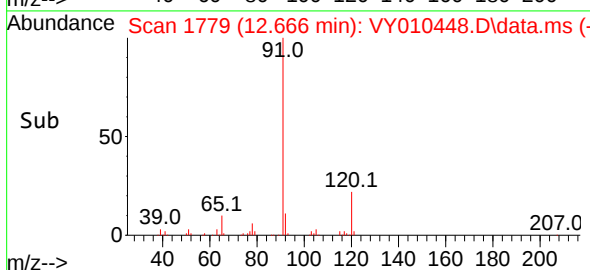
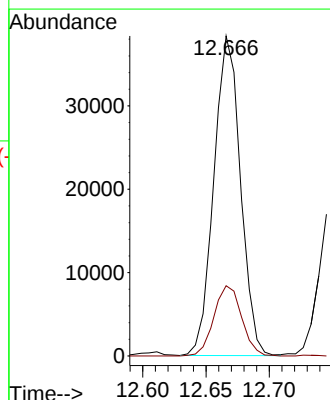
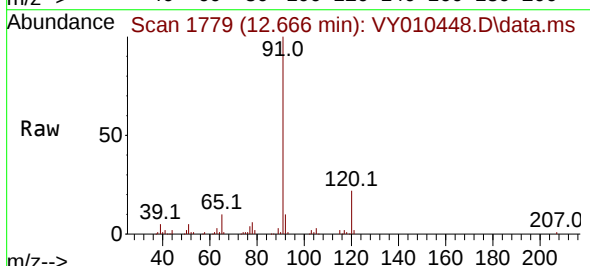
RT: 12.666 min Scan# 1779

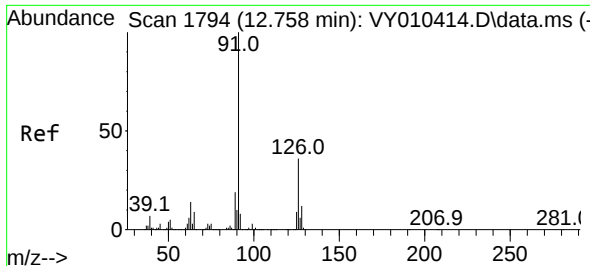
Delta R.T. -0.006 min

Lab File: VY010448.D

Acq: 12 Sep 2022 18:24

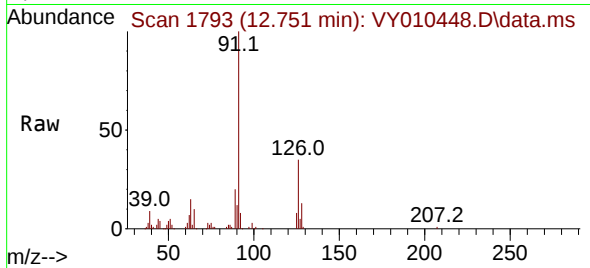
Tgt Ion:	91	Resp:	56053
Ion Ratio	Lower	Upper	
91	100		
120	22.9	11.3	33.9





#79
2-Chlorotoluene
Concen: 4.389 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. -0.007 min
Lab File: VY010448.D
Acq: 12 Sep 2022 18:24

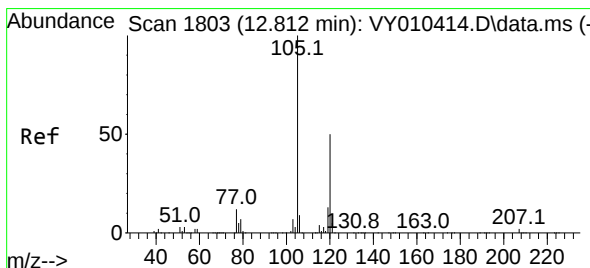
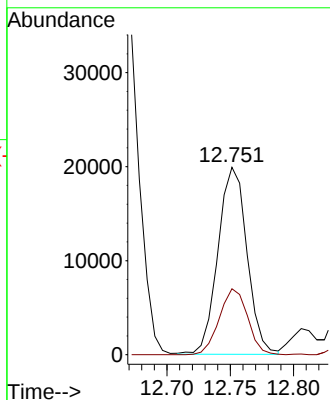
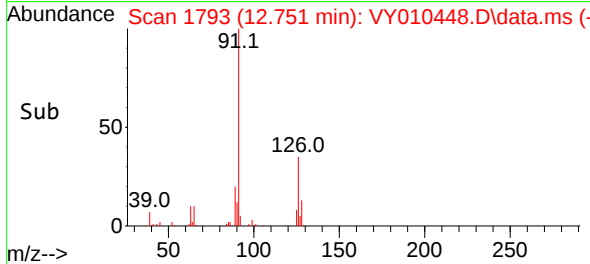
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2022



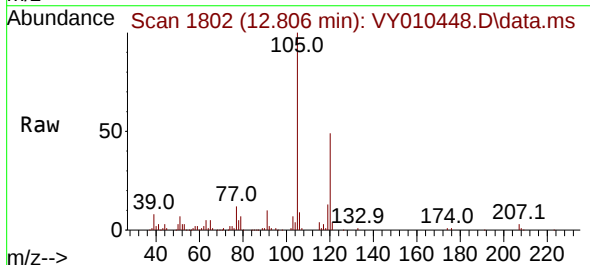
Tgt Ion: 91 Resp: 3182
Ion Ratio Lower Upper
91 100
126 34.2 16.9 50.6

Manual Integrations
APPROVED

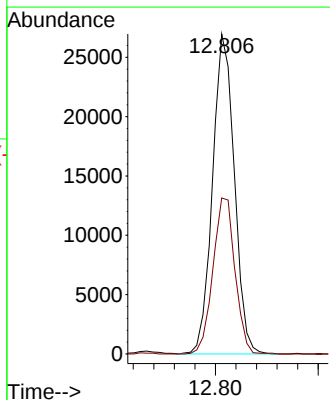
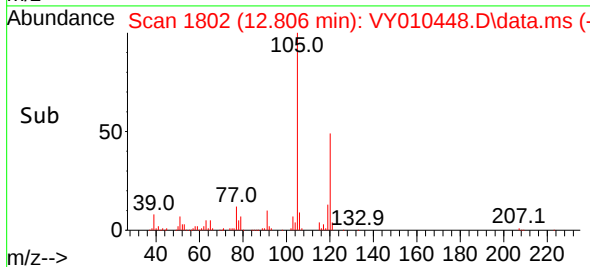
Reviewed By :Krupa Patel 09/13/2022
Supervised By :Mahesh Dadoda 09/13/2022

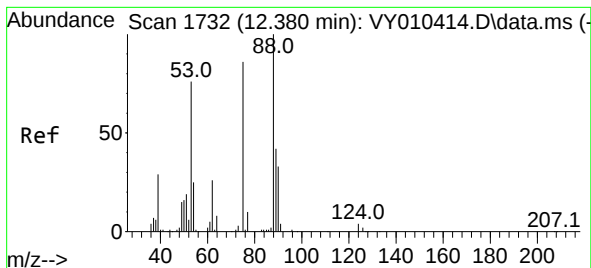


#80
1,3,5-Trimethylbenzene
Concen: 4.307 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. -0.006 min
Lab File: VY010448.D
Acq: 12 Sep 2022 18:24



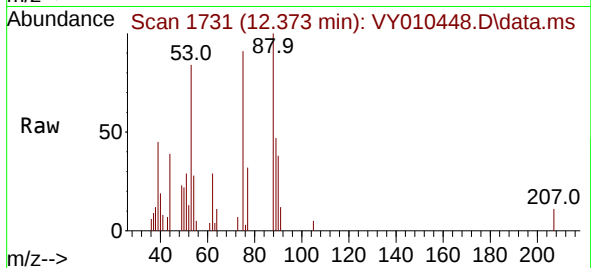
Tgt Ion:105 Resp: 39616
Ion Ratio Lower Upper
105 100
120 49.4 24.4 73.4





#81
trans-1,4-Dichloro-2-butene
Concen: 4.542 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. -0.007 min
Lab File: VY010448.D
Acq: 12 Sep 2022 18:24

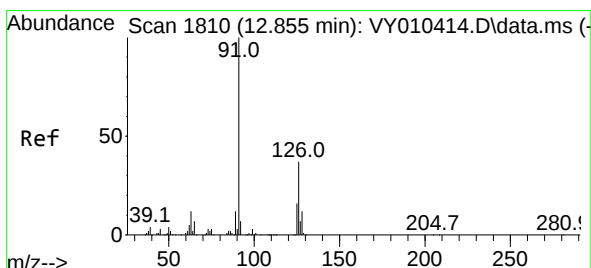
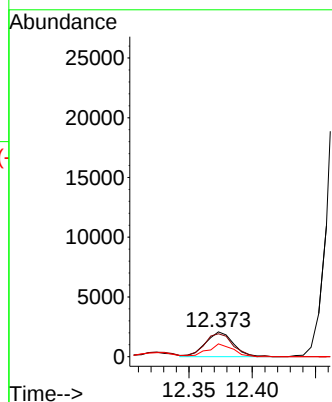
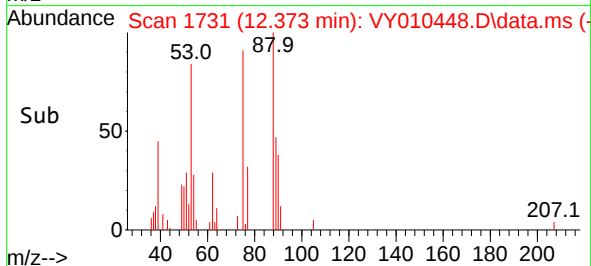
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2022



Tgt Ion: 75 Resp: 3154
Ion Ratio Lower Upper
75 100
53 96.2 85.3 127.9
89 46.0 37.0 55.4

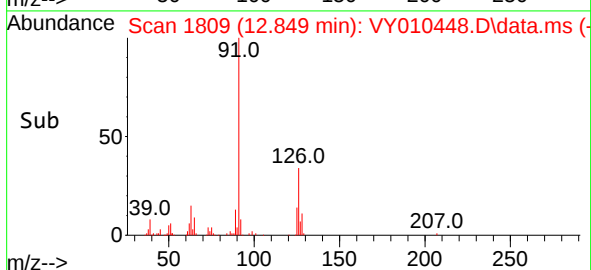
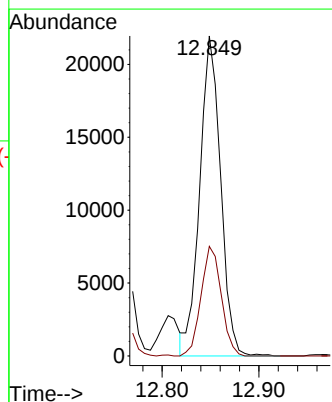
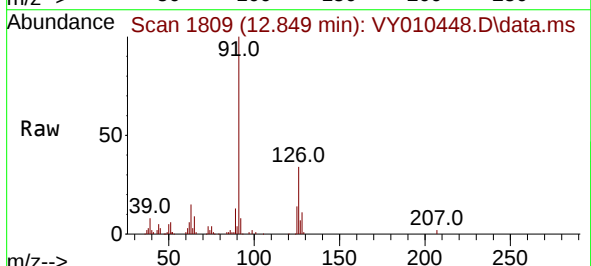
Manual Integrations
APPROVED

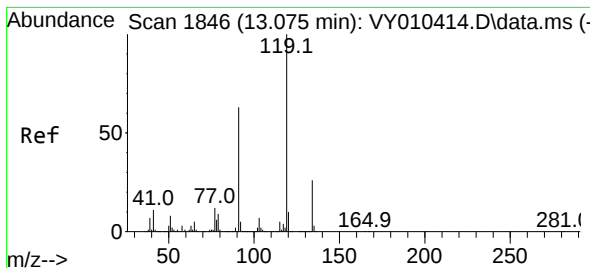
Reviewed By :Krupa Patel 09/13/2022
Supervised By :Mahesh Dadoda 09/13/2022



#82
4-Chlorotoluene
Concen: 4.375 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY010448.D
Acq: 12 Sep 2022 18:24

Tgt Ion: 91 Resp: 32999
Ion Ratio Lower Upper
91 100
126 33.2 17.0 51.0





#83

tert-Butylbenzene

Concen: 4.023 ug/l

RT: 13.068 min Scan# 1845

Delta R.T. -0.007 min

Lab File: VY010448.D

Acq: 12 Sep 2022 18:24

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT3-2022

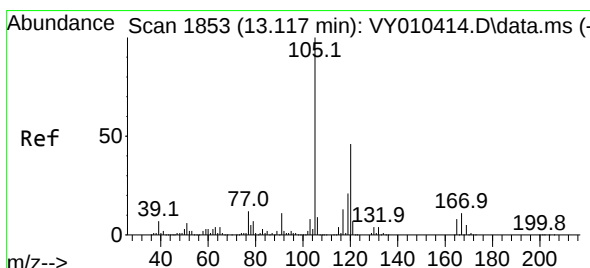
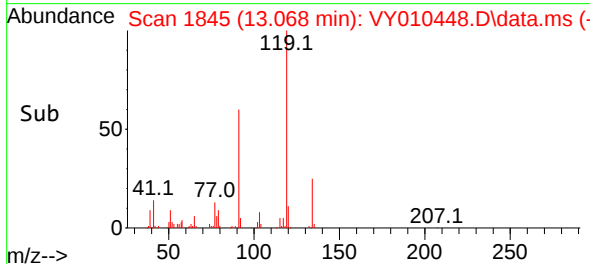
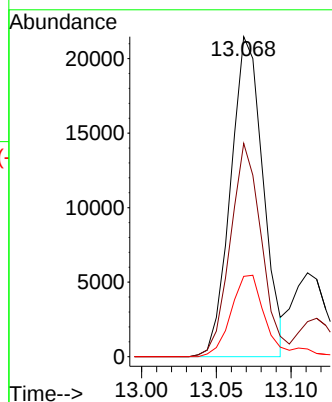
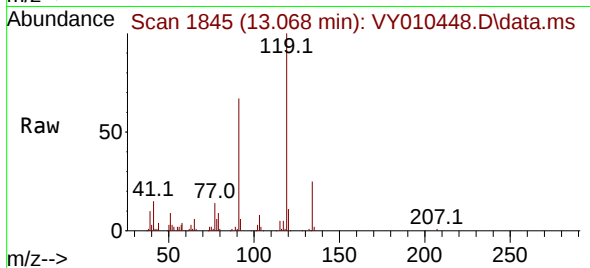
Tgt Ion:	119	Resp:	32339
Ion Ratio	Lower	Upper	
119	100		
91	64.6	34.8	104.4
134	27.8	13.3	39.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/13/2022

Supervised By :Mahesh Dadoda 09/13/2022



#84

1,2,4-Trimethylbenzene

Concen: 4.204 ug/l

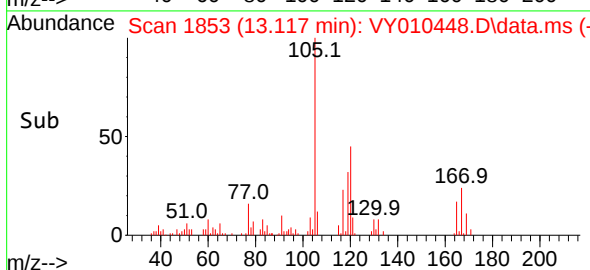
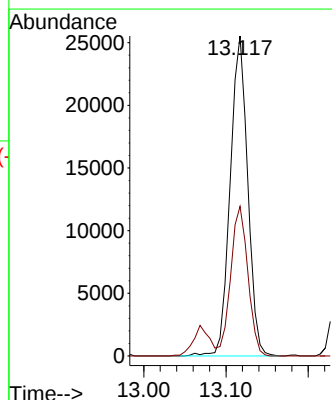
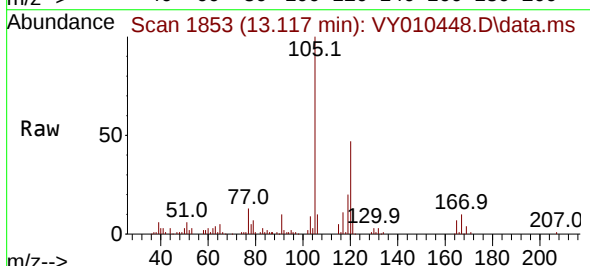
RT: 13.117 min Scan# 1853

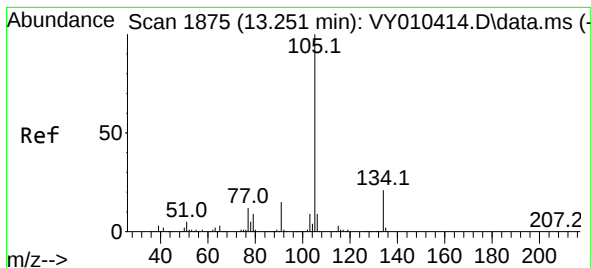
Delta R.T. 0.000 min

Lab File: VY010448.D

Acq: 12 Sep 2022 18:24

Tgt Ion:	105	Resp:	37833
Ion Ratio	Lower	Upper	
105	100		
120	46.1	22.3	66.9





#85

sec-Butylbenzene

Concen: 4.121 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY010448.D

Acq: 12 Sep 2022 18:24

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT3-2022

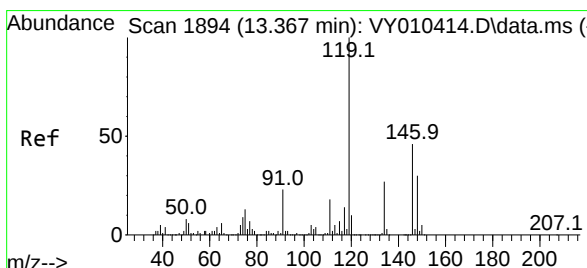
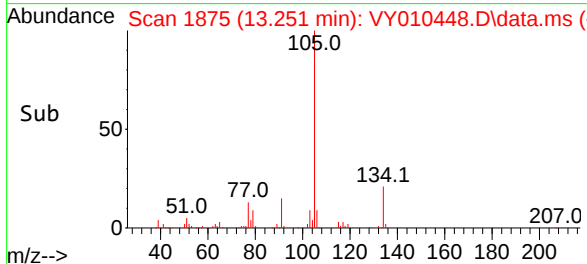
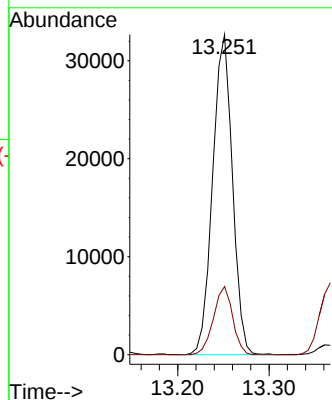
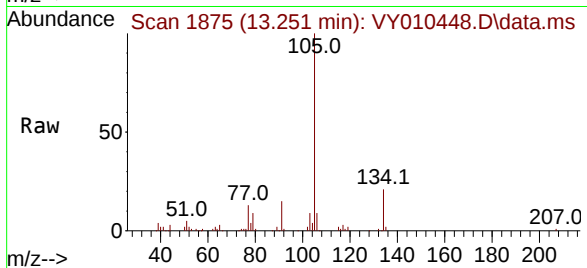
Tgt Ion:105 Resp: 49052
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.2 30.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/13/2022

Supervised By :Mahesh Dadoda 09/13/2022



#86

p-Isopropyltoluene

Concen: 4.016 ug/l

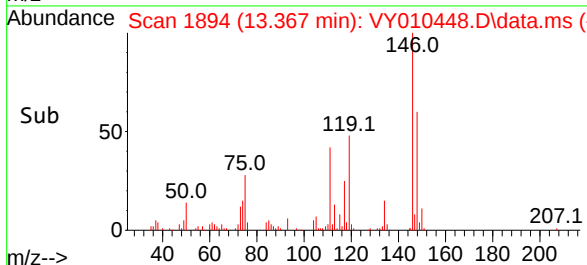
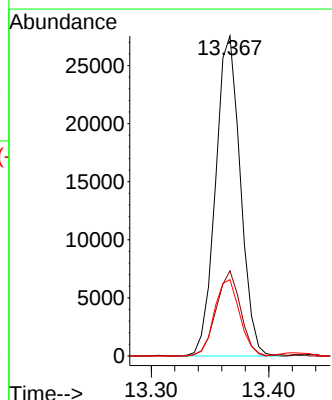
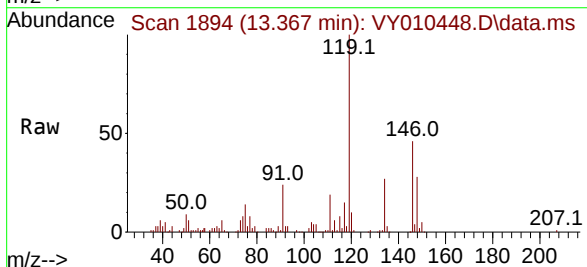
RT: 13.367 min Scan# 1894

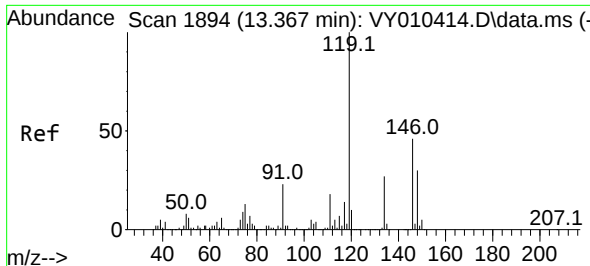
Delta R.T. 0.000 min

Lab File: VY010448.D

Acq: 12 Sep 2022 18:24

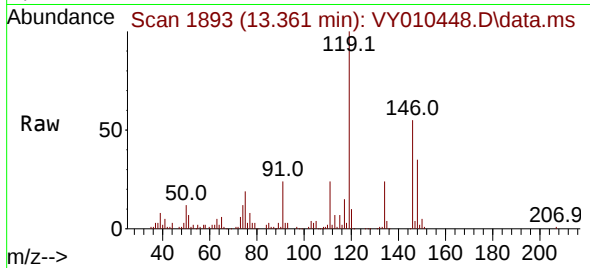
Tgt Ion:119 Resp: 40430
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.2 39.5
 91 24.4 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 4.263 ug/l
RT: 13.361 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VY010448.D
Acq: 12 Sep 2022 18:24

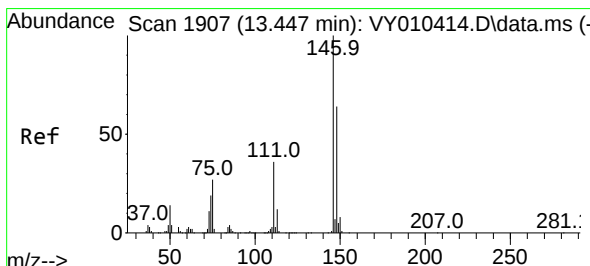
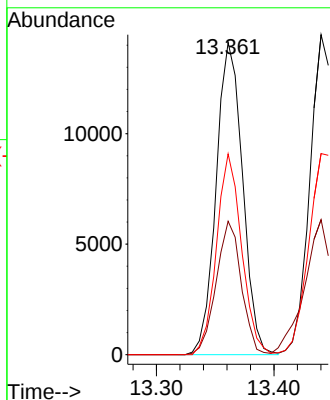
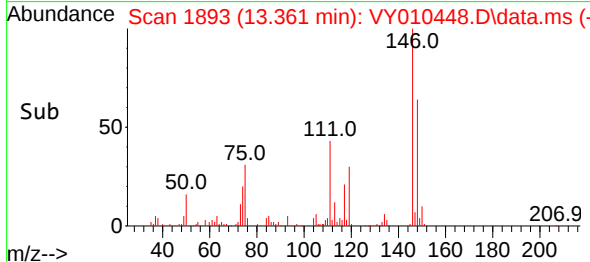
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2022



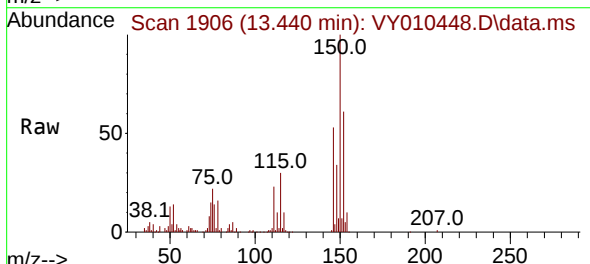
Tgt Ion:146 Resp: 2211
Ion Ratio Lower Upper
146 100
111 40.7 19.5 58.5
148 61.0 31.6 95.0

Manual Integrations
APPROVED

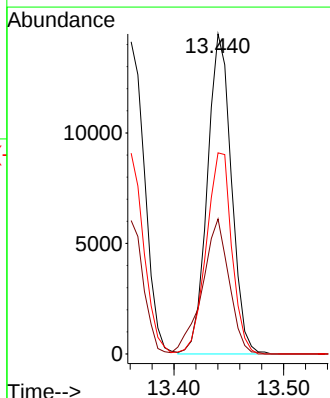
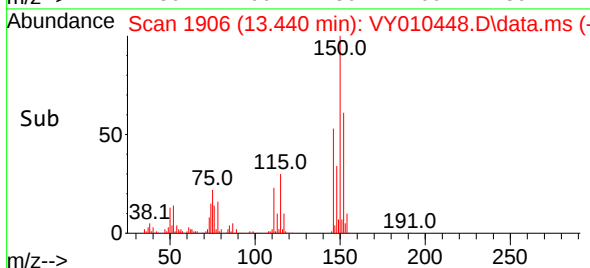
Reviewed By :Krupa Patel 09/13/2022
Supervised By :Mahesh Dadoda 09/13/2022



#88
1,4-Dichlorobenzene
Concen: 4.295 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. -0.007 min
Lab File: VY010448.D
Acq: 12 Sep 2022 18:24



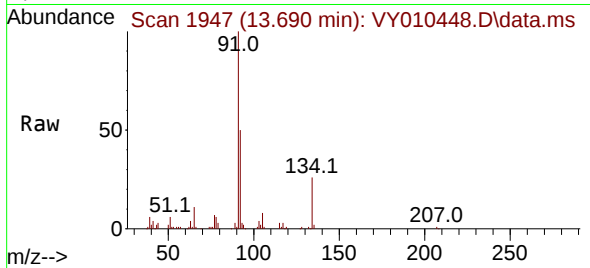
Tgt Ion:146 Resp: 22061
Ion Ratio Lower Upper
146 100
111 47.1 19.3 57.8
148 66.9 32.6 97.8





#89
n-Butylbenzene
Concen: 4.356 ug/l
RT: 13.690 min Scan# 1948
Delta R.T. -0.006 min
Lab File: VY010448.D
Acq: 12 Sep 2022 18:24

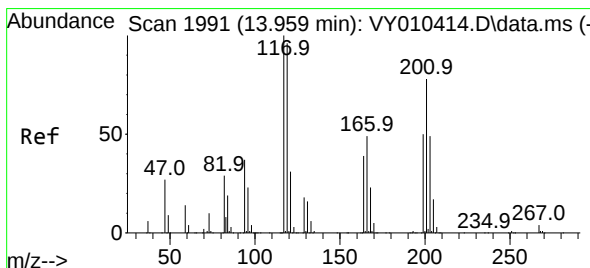
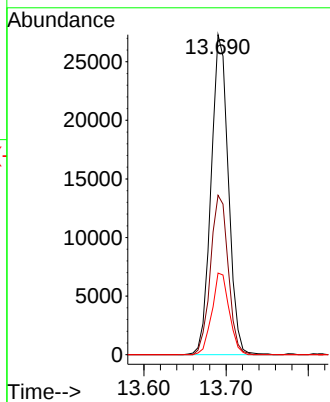
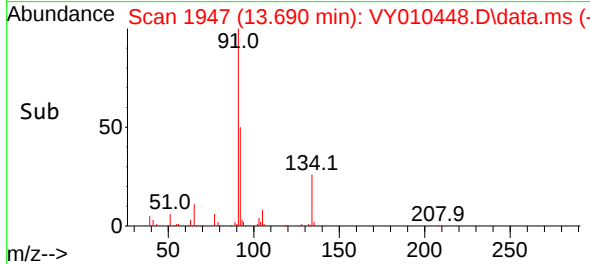
Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT3-2022



Tgt Ion: 91 Resp: 39812
Ion Ratio Lower Upper
91 100
92 51.0 26.3 78.9
134 25.5 13.0 38.9

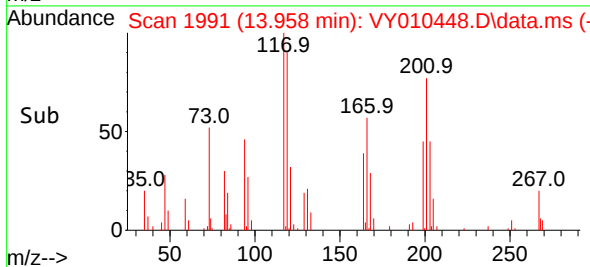
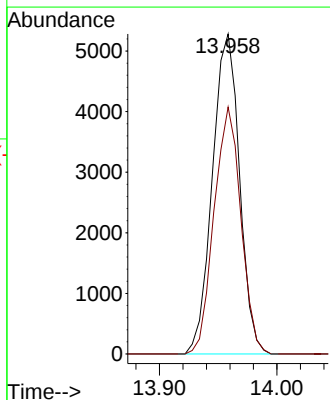
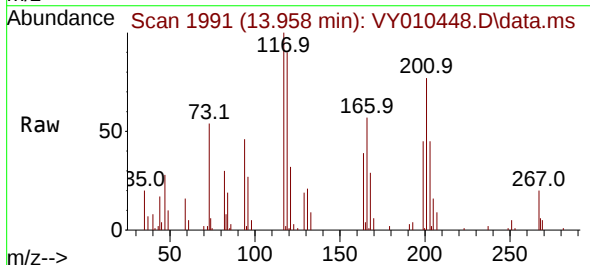
Manual Integrations
APPROVED

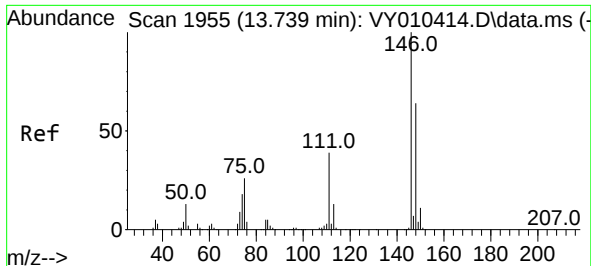
Reviewed By :Krupa Patel 09/13/2022
Supervised By :Mahesh Dadoda 09/13/2022



#90
Hexachloroethane
Concen: 4.484 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. -0.001 min
Lab File: VY010448.D
Acq: 12 Sep 2022 18:24

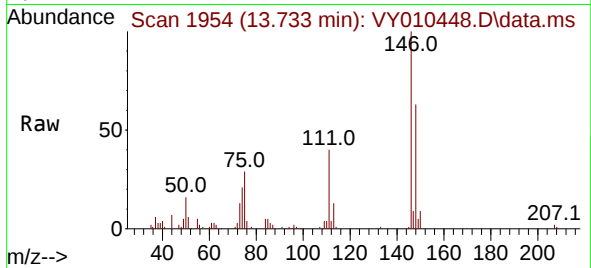
Tgt Ion:117 Resp: 8476
Ion Ratio Lower Upper
117 100
201 76.3 43.0 128.8





#91
1,2-Dichlorobenzene
Concen: 4.241 ug/l
RT: 13.733 min Scan# 1954
Delta R.T. -0.006 min
Lab File: VY010448.D
Acq: 12 Sep 2022 18:24

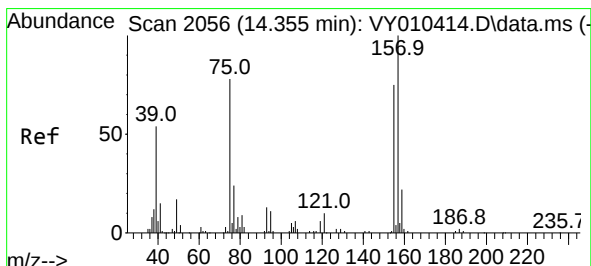
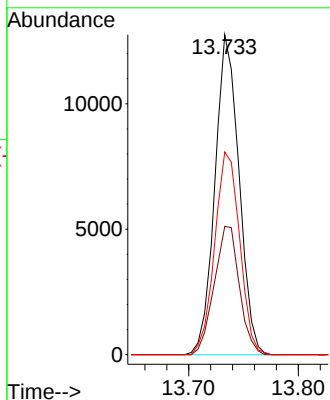
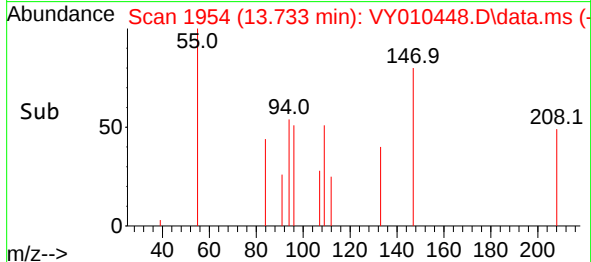
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2022



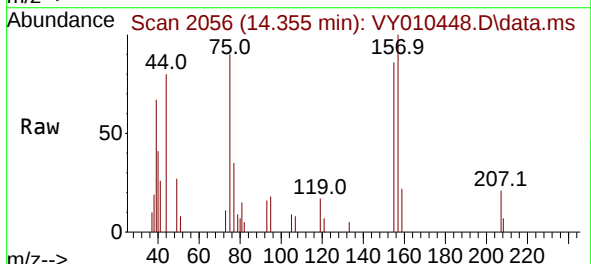
Tgt Ion:146 Resp: 1948
Ion Ratio Lower Upper
146 100
111 41.8 20.3 60.9
148 65.8 32.3 96.9

Manual Integrations
APPROVED

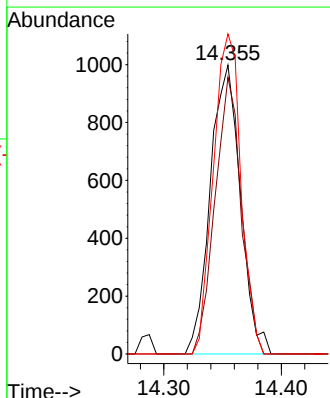
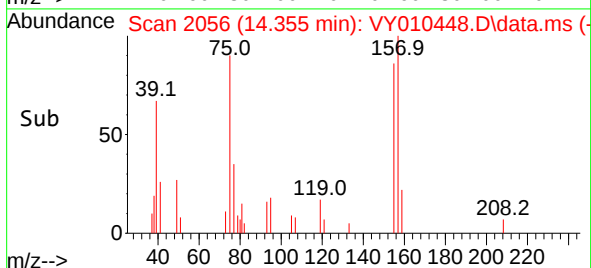
Reviewed By :Krupa Patel 09/13/2022
Supervised By :Mahesh Dadoda 09/13/2022

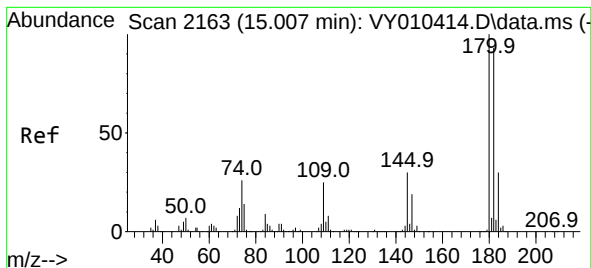


#92
1,2-Dibromo-3-Chloropropane
Concen: 5.183 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY010448.D
Acq: 12 Sep 2022 18:24



Tgt Ion: 75 Resp: 1784
Ion Ratio Lower Upper
75 100
155 83.0 38.0 113.9
157 101.4 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 4.058 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. -0.006 min

Lab File: VY010448.D

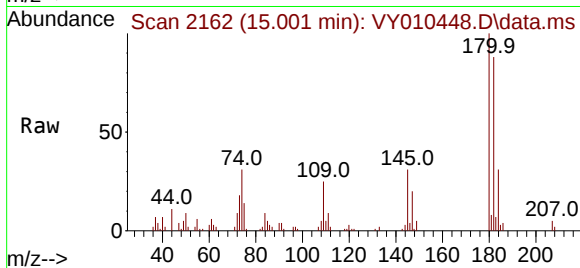
Acq: 12 Sep 2022 18:24

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT3-2022



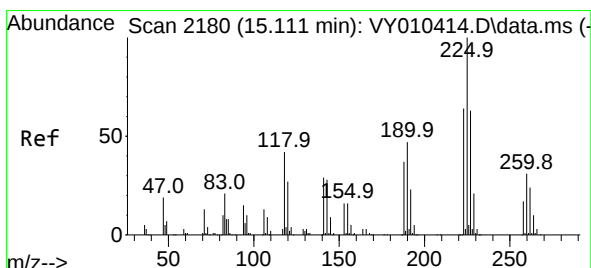
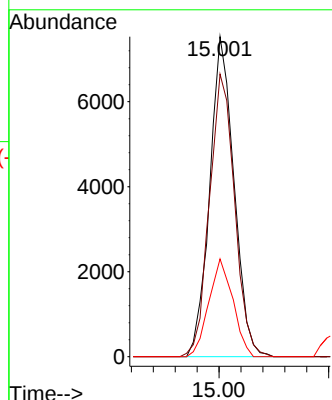
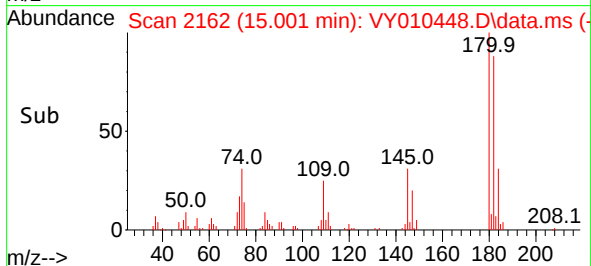
Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.6	47.3	141.9
145	30.3	14.6	43.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/13/2022

Supervised By :Mahesh Dadoda 09/13/2022



#94

Hexachlorobutadiene

Concen: 4.258 ug/l

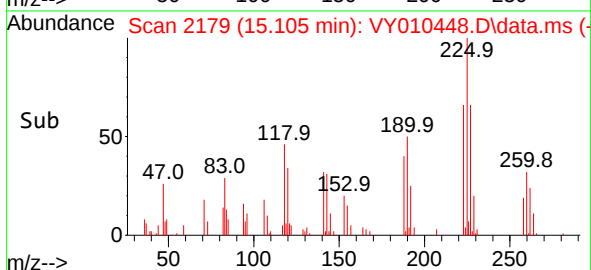
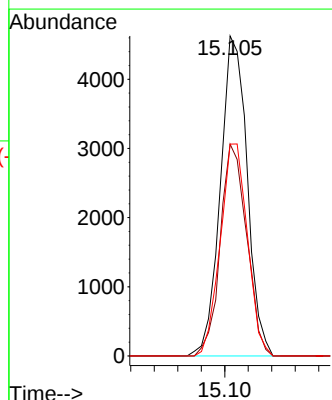
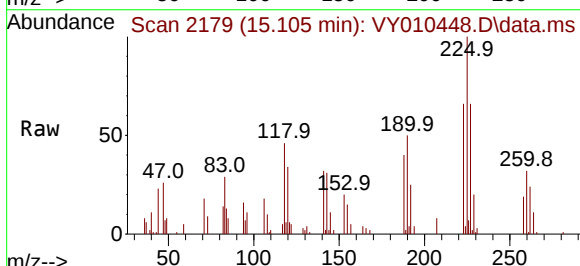
RT: 15.105 min Scan# 2179

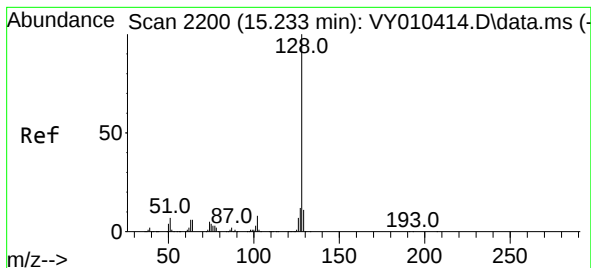
Delta R.T. -0.007 min

Lab File: VY010448.D

Acq: 12 Sep 2022 18:24

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.2	30.8	92.3
227	67.2	31.6	94.7





#95

Naphthalene

Concen: 4.046 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY010448.D

Acq: 12 Sep 2022 18:24

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT3-2022

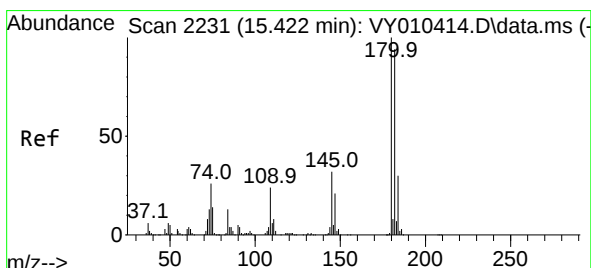
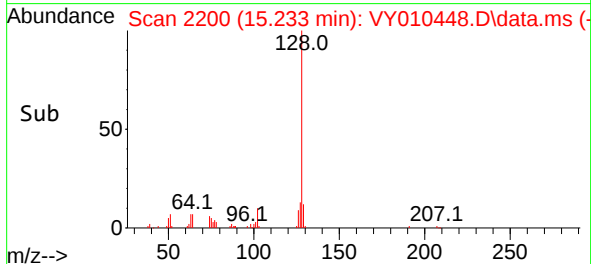
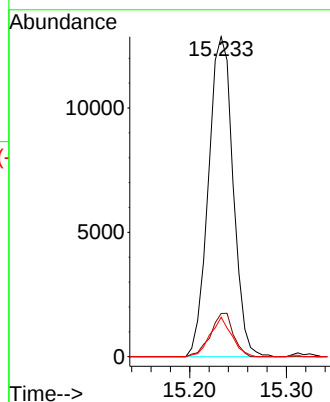
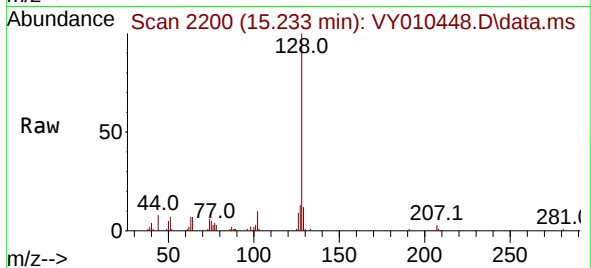
Tgt Ion:128	Resp:	2277
Ion Ratio	Lower	Upper
128	100	
127	12.6	11.0 16.4
129	10.8	8.4 12.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/13/2022

Supervised By :Mahesh Dadoda 09/13/2022



#96

1,2,3-Trichlorobenzene

Concen: 4.203 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY010448.D

Acq: 12 Sep 2022 18:24

Tgt Ion:180	Resp:	10468
Ion Ratio	Lower	Upper
180	100	
182	91.8	47.3 141.9
145	31.4	15.3 45.9

